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**40320 - 40352 Federal Register / Vol. 49, No. 200 / Monday, October 15, 1984 / Proposed Rules****ENVIRONMENTAL PROTECTION AGENCY****40 CFR Part 300**  
**[OSWER-FRL-2690-6]****Amendment to National Oil and Hazardous Substances Contingency Plan: The National Priorities List****AGENCY:** Environmental Protection Agency.  
**ACTION:** Proposed rule.**SUMMARY:**

The Environmental Protection Agency ("EPA") is proposing the second update to the National Priorities List ("NPL"). The NPL is Appendix B to the National Oil and Hazardous Substances Contingency Plan ("NCP"), which EPA promulgated pursuant to section 105 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA") and Executive Order 12316. CERCLA requires that the NPL be revised at least annually, and today's notice proposes the second such revision.

**DATES:**

Comments may be submitted on or before December 14, 1984.

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Comments may be mailed to:

Russel H. Wyer

Director, Hazardous Site Control Division (NPL Staff)  
Office of Emergency and Remedial Response (WH-548E)  
Environmental Protection Agency  
401 M Street, SW.  
Washington, D.C. 20460

The public docket for the update to the NPL will contain Hazard Ranking System (HRS) score sheets for all sites on this proposed update, as well as a "Documentation Record" for each site describing the information used to compute the scores. The main public docket is located in Room S-325 of Waterside Mall, 401 M Street, SW., Washington D.C. 20460, and is available for viewing from 9:00 a.m. to 4:00 p.m., Monday through Friday, excluding holidays. Requests for copies of documents in the docket should be directed to EPA Headquarters, although the same documents will be available for viewing in the EPA Regional Offices. In addition, the background data relied upon by the Agency in calculating or evaluating HRS scores are retained only in the Regional Offices. Such data in EPA files may be obtained upon request. An informal written request, rather than a formal request under the Freedom of Information Act, should be the ordinary procedure for requesting these data sources. Addresses for the Regional Office dockets are:

Peg Nelson  
Region I  
U.S. EPA Library  
John F. Kennedy Federal Bldg.  
Boston, MA 02203  
617/223-5791

Audrey Thomas  
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26 Federal Plaza, 10th Floor  
New York, NY 10278  
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Diane McCreary  
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230 South Dearborn Street  
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312/353-2022

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**FOR FURTHER INFORMATION CONTACT:**

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Hazardous Site Control Division  
Office of Emergency and Remedial Response (WH-548-E)  
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401 M Street, SW.  
Washington, D.C. 20460  
Phone (800) 424-9346 (or 382-3000 in the Washington, D.C., metropolitan area).

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**I. Introduction**

Pursuant to section 105 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, 42 U.S.C. 9601-9657 ("CERCLA" or "the Act"), and Executive Order 12316 (46 FR 42237, August 20, 1981), the Environmental Protection Agency ("EPA" or the "Agency") promulgated the revised National Contingency Plan ("NCP"), 40 CFR Part 300, on July 16, 1982 (47 FR 31180). Those amendments to the NCP implement the responsibilities and authorities created by CERCLA to respond to releases and threatened releases of hazardous substances, pollutants, and contaminants.

Section 105(8)(A) of CERCLA requires that the NCP include criteria for determining priorities among releases or threatened releases throughout the United States for the purpose of taking remedial action and, to the extent practicable taking into account the potential urgency of such action, for the purpose of taking removal action. Removal action involves cleanup or other actions that are taken in response to emergency conditions or on a short-term or temporary basis (CERCLA Section 101 (23)). Remedial action tends to be long-term in nature and involves response actions which are consistent with a permanent remedy for a release (CERCLA Section 101(24)). Criteria for determining priorities are included in the Hazard Ranking System ("HRS"), which EPA promulgated as Appendix A of the NCP (47 FR 31219, July 16, 1982).

Section 105(8)(B) of CERCLA requires that these criteria be used to prepare a list of national priorities among the known releases or threatened releases throughout the United States, and that to the extent practicable at least 400 sites be designated individually. CERCLA requires that this National Priorities List ("NPL") be included as part of the NCP. Today, the Agency is proposing the addition of 238 sites to the NPL.

EPA is proposing to include on the NPL sites at which there are or have been releases or threatened releases of designated hazardous substances or of any "pollutant or contaminant." The discussion below may refer to "releases or threatened releases" simply as "releases," "facilities," or "sites."

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## II. Purpose of the NPL

The primary purpose of the NPL is stated in the legislative history of CERCLA (Report of the Committee on Environment and Public Works, Senate Report No. 96-848, 96th Cong., 2d. Sess. 60 (1980)):

The priority lists serve primarily informational purposes, identifying for the States and the public those facilities and sites or other releases which appear to warrant remedial actions. Inclusion of a facility or site on the list does not in itself reflect a judgement of the activities of its owner or operator, it does not require those persons to undertake any action, nor does it assign liability to any person. Subsequent government action in the form of remedial actions or enforcement actions will be necessary in order to do so, and these actions will be attended by all appropriate procedural safeguards.

The purpose of the NPL, therefore, is primarily to serve as an informational tool for use by EPA in identifying sites that appear to present a significant risk to public health or the environment. The initial identification of a site on the NPL is intended primarily to guide EPA in determining which sites warrant further investigation designed to assess the nature and extent of the public health and environmental risks associated with the site and to determine what CERCLA-financed remedial action(s), if any, may be appropriate. Inclusion of a site on the NPL does not establish that EPA necessarily will undertake remedial actions. Moreover, listing does not require any action of any private party, nor does it determine the liability of any party for the cost of cleanup at the site. In addition, a site need not be on the NPL to be the subject of CERCLA-financed removal actions or of actions brought pursuant to section 107(a)(4)(B) of CERCLA.

In addition, although the HRS scores used to place sites on the NPL may be helpful to the Agency

in determining priorities for cleanup and other response activities among sites on the NPL, EPA does not rely on the scores as the sole means of determining such priorities, as discussed below. Neither can the HRS itself determine the appropriate remedy for a site. The information collected to develop HRS scores to select sites for the NPL is not sufficient in itself to determine the appropriate remedy for a particular site. After a site has been included on the NPL, EPA generally will rely on further, more detailed studies conducted at the site to determine what response, if any, is appropriate. These studies will take into account, among other things, response actions that have been taken by potential responsible parties or others. Decisions on the type and extent of action to be taken at these sites are made in accordance with the criteria contained in Subpart F of the NCP. After conducting these additional studies, EPA may conclude that it is not desirable to conduct response action at some sites on the NPL because of more pressing needs at other sites. Given the limited resources available in the Hazardous Substance Response Trust Fund established under CERCLA, the Agency must carefully balance the relative needs for response at the numerous sites it has studied. Also, it is possible that EPA will conclude after further analysis that no action is needed at a site because the site does not present a significant threat to public health, welfare or the environment.

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### III. NPL Update Process and Schedule

Pursuant to section 105(8)(B) of CERCLA, 42 U.S.C. 9605(8)(B), EPA is required to establish, as part of the NCP for responding to releases of hazardous substances, a NPL of sites of such releases. The principal purpose of this notice is to propose the addition of 238 new sites to the NPL which have HRS scores of 28.50 or above. In addition, the final NPL (49 FR 37070, September 21, 1984) is included to indicate the appropriate status codes for response and cleanup activities at these sites. These codes are explained in greater detail in section IV of this notice.

CERCLA requires that the NPL be revised at least once per year. Accordingly, EPA added 128 sites to the final NPL on September 21, 1984 (49 FR 37070). The majority (123) of those sites were proposed on September 8, 1983 (48 FR 40674) as the first update to the NPL. Today's notice proposes the second such revision, which the Agency expects to promulgate within one year of this announcement. For each NPL revision, EPA informs the States of the closing dates for submission of candidate sites to EPA. In addition to these periodic updates, EPA believes it may be desirable in rare instances, because of urgency and needed corrective action, to propose separately the addition of individual sites on the NPL as it did in the case of the Times Beach, Missouri, (48 FR 9311, March 4, 1983).

As with the establishment of the initial NPL and subsequent revisions to the NPL, States have the primary responsibility for selecting and scoring sites that are candidates for inclusion on the NPL using the HRS (Appendix A to the NCP, 47 FR 31223, July 16, 1982) and submitting the candidate sites to the EPA Regional Offices. The Regional Offices then conduct a quality control review of the States' candidate sites. After conducting this review, the EPA Regional Offices submit candidate sites to EPA Headquarters. The Regions may include candidate sites in addition to those submitted by States. In reviewing these submissions, EPA Headquarters conducts further quality assurance audits to ensure accuracy and consistency among the various EPA and State offices participating in the scoring.

In today's proposal, the "Proposed Additions" consist of sites not currently on the NPL that the Agency is proposing to add to the NPL. The "Proposed Additions" are contained in the list immediately following this preamble. The additions are presented in two separate lists, non-Federal and Federal facility sites.

#### ***Public Comment Period***

EPA requests public comment on each of the sites it is proposing to add to the NPL and will accept such comments for 60 days following the date of publication of this notice in the **Federal Register**. HRS scoring sheets and a "Documentation Record" for all sites proposed to be added to

the NPL are available for inspection and copying in the NPL docket located in Washington, D.C. The same documents will be available for viewing in the EPA Regional offices for sites located in that particular Region. After considering the relevant comments received during the comment period and determining the final score for each proposed site, the Agency will add to the current NPL all sites that meet EPA's criteria for listing (i.e., sites with HRS scores at or above 28.50 or those designated as a State's top priority site).

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## IV. Contents of the Proposed Second NPL Update

Each entry on the proposed second NPL update contains the name of the facility, the State and city or county in which it is located, and the corresponding EPA Region. Each site EPA is proposing to add is placed by score in a group corresponding to the groups of 50 sites presented within the final NPL (49 FR 37070 September 21, 1984). Thus, the sites in group 1 of the proposed update have scores that fall within the range of scores covered by the first 50 sites on the final NPL. Each entry on this proposed update and at sites already on the NPL is accompanied by one or more notations referencing the status of response and cleanup activities at the site at the time this list was prepared. This site status and cleanup information are described briefly below.

In the past, EPA categorized the NPL sites based on the type of response at each site (Fund-financed, enforcement and/or voluntary action). This second NPL update will expand the prior categorization system in two ways. First, Federal enforcement actions are separated from State enforcement actions. Second, the status of site cleanup activities is designated by three new cleanup status codes. EPA is including the cleanup status codes to identify sites where significant response activities are underway or completed. The cleanup status codes on this NPL update are included in response to public requests for information regarding actual site cleanup activities.

### **Response Categories**

The following response categories are used to designate the type of response underway. One or more categories may apply to each site.

*Voluntary or Negotiated Response (V).* Sites are included in this category if private parties have started or completed response actions pursuant to settlement agreements or consent decrees to which EPA or the State is a party. This category includes privately-financed remedial planning, removal actions, initial remedial measures and/or remedial actions.

*Federal and/or State Response (R).* The Federal and/or State Response category includes sites at which EPA or State agencies have started or completed response actions. These include removal actions, non-enforcement remedial planning, initial remedial measures, and/or remedial actions under CERCLA (NCP, § 300.66(f)-(i) 47 FR 31217, July 16, 1982). For purposes of assigning a category, the response action commences when EPA obligates funds.

*Federal Enforcement (F).* This category includes sites where the United States has filed a civil complaint (including cost recovery actions) or issued an administrative order. It also includes sites at which a Federal court has mandated some form of response action following a judicial proceeding. All sites at which enforcement-lead remedial investigations and feasibility studies are underway are also included in this category.

A number of sites on the NPL are the subject of investigations or have been referred to the Department of Justice for possible enforcement action. EPA's policy is not to release information concerning a possible enforcement action until a lawsuit has been filed. Accordingly, these sites are not included in this category, but are included under "Category to be Determined."

*State Enforcement (S).* This category includes sites where a State has filed a civil complaint or issued an administrative order. It also includes sites at which a State court has mandated some

form of response action following a judicial proceeding. Sites where State enforcement-lead remedial investigations and feasibility studies are underway are also included in this category.

It is assumed that State policy precludes the release of information concerning possible enforcement actions until such action has been formally taken. Accordingly, sites subject to possible State legal action are not included in this category, but are included under "Category to be Determined."

*Category to be Determined (D).* This category includes all sites not listed in any other category. A wide range of activities may be in progress at sites in this category. EPA or a State may be evaluating the type of response action to undertake, or an enforcement case may be under consideration. Responsible parties may be undertaking cleanup actions that are not covered by a consent decree or an administrative order.

#### ***Cleanup Status Codes***

EPA has decided to indicate the status of Fund-financed or private party cleanup activities underway or completed at proposed NPL sites. Fund-financed response activities which are coded include: significant removal actions, initial remedial measures, source control remedial actions, and offsite remedial actions. The status of cleanup activities conducted by responsible parties under a consent decree, court order, or an administrative order also is coded. Remedial planning activities or engineering studies do not receive a cleanup status code.

Many sites listed on the NPL are cleaned up in stages or "operable units." For purposes of cleanup status coding, an operable unit is a discrete action taken as part of the entire site cleanup that significantly decreases or eliminates a release, threat of release, or pathway of exposure. One or more operable units may be necessary to complete the cleanup of a hazardous waste site. Operable units may include removal actions taken to stabilize deteriorating site conditions, initial remedial measures, and remedial actions. A simple removal action (constructing fences, or berms or lowering free-board) that does not eliminate a significant release, threat of release, or pathway of exposure is not considered an operable unit for purposes of cleanup status coding.

The following cleanup status codes (and definitions) are used to designate the status of cleanup activities at proposed sites on the NPL. Only one code is necessary to denote the status of actual cleanup activity at each site since the codes are mutually exclusive.

*Implementation Activities Are Underway for One or More Operable Units (I).* Field work is in progress at the site for implementation of one or more removal or remedial operable units, but no operable units are completed.

*Implementation Activities for One or More (But Not All) Operable Units Are Completed.*

*Implementation Activities May be Underway for Additional Operable Units (O).* Field work has been completed for one or more operable units, but additional site cleanup actions are necessary.

*Implementation Activities for all Operable Units Are Completed (C).* All actions agreed upon for remedial action at the site have been completed and performance monitoring has commenced. The site will be considered for deletion from the NPL subsequent to completion of the performance monitoring and preparation of a deletion recommendation. Further site activities could occur if EPA considers such activities necessary.

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## **V. Deleting Sites From the NPL**

There is no specific statutory requirement that the NPL be revised to delete sites. However, EPA has decided to consider deleting sites to provide incentives for cleanup to private parties and public agencies. Furthermore, deleting sites allows the Agency to give notice that the sites have been cleaned up and gives the public an opportunity to comment on those actions.

EPA will delete a previously promulgated NPL site after EPA has determined that it has satisfied

one or more of the following criteria:

1. EPA, in consultation with the State, has determined that responsible parties have completed all appropriate response actions;
2. EPA, in consultation with the State, has determined that all appropriate Fund-financed response actions have been completed and that no further cleanup by responsible parties is appropriate;
3. Based on a remedial investigation, EPA, in consultation with the State, has determined that the facility poses no significant threat to public health, welfare, or the environment and, therefore, construction of remedial measures is not appropriate.

These criteria are the only deletion criteria EPA has developed to date. These criteria constitute guidance, not regulations. They may be revised or supplemented if experience indicates that other factors should be taken into account. At this time, however, it appears that these three criteria are adequate.

The Agency issued a guidance memorandum on March 27, 1984, describing these criteria and interim procedures for deleting sites from the NPL. This document is available in the EPA dockets (see [Addresses](#) section of this announcement). In deleting sites from the NPL, EPA will use the same **Federal Register** notice and comment procedures that were used for placing sites on the NPL.

The NCP currently restricts expenditures of Trust Fund monies to sites on the NPL. The Agency intends to modify the NCP to allow EPA to return to a site and expend Fund monies as warranted for operation and maintenance costs, continued monitoring, or correction of any failures of the remedy even though the site will have actually been deleted from the NPL. If sites are proposed for deletion before the NCP revisions have been promulgated, the Agency will establish a "deletion category" for the NPL. This category will be explicitly denoted as containing sites at which the Agency has determined that one or more of the deletion criteria described above have been satisfied. However, these sites would not actually be deleted from the NPL. Once the NCP modifications are promulgated, the Agency will be able to delete a site from the NPL and spend additional Fund monies if conditions warrant.

The Agency is interested in the public reaction to these deletion procedures. Specifically, the Agency is interested in:

1. The desirability of maintaining the **Federal Register** notice and comment procedures for deletions that are currently used for placing sites on the NPL; and
2. the desirability of continuing to print, on a separate list, the names of sites deleted from the NPL at the time of each update.

The Agency believes that including the names of deleted sites on the NPL may provide important information to the public on the final disposition of these sites and may result in favorable publicity for parties who have cleaned up sites on the NPL.

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## VI. Eligibility

CERCLA restricts EPA's authority to respond to certain categories of releases and expressly excludes some substances from the definition of release. In addition, as a matter of policy, EPA may or may not choose to respond to certain types of releases because other Federal agencies have adequate authority to respond. This section discusses the inclusion of such releases on the NPL.

### ***Releases from Federal Facility Sites***



CERCLA section 111(e)(3) prohibits use of the Funds for remedial actions at Federally owned facilities. Previously, EPA did not list any sites on the NPL where the release resulted solely from a Federal facility, regardless of whether contamination remained onsite or had migrated offsite. EPA incorporated this position into the NCP (section 300.66(e)(2), 47 FR 31215, July 16, 1982); an also in the promulgation of the first NPL (48 FR 40662, September 8, 1983).

Public comments received from previously proposed NPL announcements suggested including Federal facilities, and the Agency now believes that it is appropriate to include Federal facility sites on the NPL when such facilities meet the criteria for inclusion. Federal facility sites will be listed when the HRS scores are equal to or above 28.50 so as to focus public attention and appropriate resources on the most serious sites, even though they are not eligible for Fund-financed remedial action.

For this update, Federal sites will be presented in a separate NPL section with Federal site displayed in scoring groups equivalent to the groups shown in the non-Federal NPL. As discussed in 48 FR 40662, September 8, 1984, EPA previously has listed sites that formerly were owned by the Federal government, and non-Federally owned sites where the Federal government may have contributed to a release. EPA intends to continue this policy by listing such site on the non-Federal NPL. The Federal facility section of the NPL will only contain sites where the release appears to result solely from a Federal facility, regardless of whether contamination remained on site or has migrated offsite.

Response categories and cleanup status codes also will be assigned for Federal facility sites, and these will be essentially the same categories and codes used for non-Federal sites. A Federal agency response at a Federal facility site will be indicated by the (R) category. When the (R) category does not apply to a Federal facility site, other Federal agency activities at that site, such as evaluating the appropriate response to undertake, will be indicated by the (D) category. Cleanup codes will be assigned to Federal facility sites in the same manner as they are to non-Federal sites.

EPA is preparing a proposed amendment in section 300.66(e)(2) of the NCP to allow the listing of Federal facility sites on the NPL. For this proposal, EPA scored those Federal facilities identified by Federal agencies and the States as NPL candidates where sufficient information existed to apply the HRS. However, EPA does not intend to promulgate any of the sites proposed today until such time as the NCP amendment is final. In the meantime, the Agency is continuing work with Federal agencies to investigate potential problem Federal sites and to implement corrective measures at Federal sites.

#### ***Releases of Pesticides Registered Under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)***

This proposal includes six sites in South Central Oahu, Hawaii, where parts of the basal aquifer have been contaminated by pesticides including ethylene dibromide (EDB), dibromochloropropane (DBCP), and trichloropropane (TCP), a likely contaminant of the pesticide D-D (which contains 1,2-dichloropropane, 1,3-dichloropropene and related C3 compounds). These pesticides are all soil fumigants that have been used as nematocides in Oahu pineapple fields. All were registered under FIFRA at the time of their use in Oahu. We do not believe these pesticides are being used in Hawaii any longer. EDB's soil fumigation use has been cancelled, and EPA has proposed to cancel the sole remaining use of DBCP (pineapples) in the United States. D-D is no longer being produced, although it is still Federally registered. The most likely source of the contamination by DBCP and TCP was their use as pesticides, although it is less clear that the contamination by EDB resulted solely from its agricultural use! .

These six sites are the first such sites proposed to be added to the NPL on the basis of releases which appear to originate from the application of pesticides. Insecticides and similar products are used extensively throughout the United States. The application of the HRS to public and private ground water systems throughout the country could possibly result in the listing of additional similar sites in a number of other States. At this time, however, the Agency has little data from which to predict the number of similar problems or the degree of risk posed by them, compared

with the risks posed by other identified sites.

EPA is concerned that listing these sites may set important precedents with currently unknown implications for the future direction of CERCLA. As CERCLA's scope is broad, EPA wants to insure that its efforts under CERCLA are focused on the most significant risks and on problems that cannot be adequately addressed under EPA's other statutory authorities. Therefore, the Agency is interested in public comment for consideration in evaluating what alternative statutory tools or other approaches are most appropriate for dealing with these problems. Other approaches on which EPA wants to receive comment are those which would assure that only sites posing significant problems are included on the NPL. EPA plans to consider these issues. If the Agency decides that problems arising from pesticide use are better addressed outside the frame-work of CERCLA, it may decide as a matter of policy not to list the sites on the NPL.

EPA is planning a monitoring survey to evaluate the frequency and severity of contamination of ground water by pesticides. In addition, the Agency has initiated a special data call-in under FIFRA to evaluate the potential for ground water contamination of many pesticides. Pending the results of these information gathering efforts, the extent of this problem is not fully understood.

EPA has the authority to include sites on the NPL where contamination from pesticide application has occurred (or has the potential to occur). The definition of "release" in section 101(22) of CERCLA is very broad; and whereas it excludes the "normal application of a fertilizer," it does not contain a similar exclusion for the application of pesticides. Additional review of CERCLA gives no suggestion that EPA authority to list such pesticide sites on the NPL or to take response action is limited. Section 107(i) limits EPA's ability to recover costs from releases associated with pesticide use, but CERCLA does not contain a similar limitation on EPA's ability to respond. Thus, there is no statutory restriction on the use of money from the CERCLA Trust Fund to clean up sites where public health or the environment has been threatened as a result of the application of pesticides. At the same time the Agency is not obliged to exercise response authority whenever a site is included on the NPL.

There are several legal authorities by which the hazards associated with contamination of ground water by pesticide use can be addressed; CERCLA enforcement actions and some CERCLA response actions, as well as actions under other laws, do not depend on a site's placement on the NPL. For example, FIFRA provides authority to require manufacturers to submit test results with which the Agency can evaluate hazards, including health effects and environmental fate and transport. FIFRA also provides authority to limit or prohibit use of pesticides when the risk associated with use outweigh the benefits of use. Under the Safe Drinking Water Act, EPA can issue health advisories or specify maximum contaminant limits in public water systems.

CERCLA authorizes Fund-financed response actions such as cleaning up aquifers or providing alternate drinking water supplies. Certain response actions taken with CERCLA trust fund money, however, are authorized only where a site has been listed on the NPL. While listing a site on the NPL is necessary to take these actions, it does not require them. After a site has been included on the NPL, EPA generally will rely on further, more detailed studies conducted at the site to determine what response, if any, is appropriate. The authority to compel private responsible parties to abate or clean up releases of pollutants and contaminants provided by CERCLA is not limited to sites listed on the NPL.

#### ***Releases From Sites Having Interim Status or Permits Under the Resource Conservation and Recovery Act (RCRA)***

As stated in EPA's first NPL final rulemaking (48 FR 40658, September 8, 1983), both CERCLA and the Resource Conservation and Recovery Act (RCRA) contain authorities applicable to hazardous waste facilities. These authorities overlap for certain sites. EPA is adhering to its established policy that, where a site consists only of "regulated units" of a RCRA facility operating pursuant to a permit or interim status, it will not be included on the NPL but, to the extent possible, instead will be addressed under the authorities of RCRA. The RCRA Land Disposal Regulations (40 CFR Parts 122, 260, 264, and 265) give EPA authority to control active sites through a broad program which includes monitoring, compliance inspections, penalties for violations, and requirements for post-closure plans and financial responsibility.

RCRA regulations require a contingency plan for each facility. The regulations also contain groundwater protection standards (40 CFR Part 264, Subpart F) that cover detection monitoring, compliance monitoring (if groundwater impacts are identified) and corrective action for releases within the site boundaries. These monitoring and corrective action standards apply to all "regulated units" of RCRA facilities, i.e., any part of the waste treatment, storage, or disposal operation within the boundaries of the facility that accepted waste after January 26, 1983, the effective date of the Land Disposal Regulations (47 FR 32349, July 26, 1982). Even if the unit ceases operation after this time, EPA has the authority to require it to obtain a permit, and the monitoring and corrective action requirements could therefore be enforced by this mechanism.

Given this authority to ensure cleanup of regulated units of RCRA facilities, such facilities generally are not included on the NPL. If the facility is abandoned or lacks sufficient resources and the RCRA corrective action requirements cannot be enforced, however, EPA will consider listing the site on the NPL for possible response under CERCLA. This policy is applicable not only to sites subject to EPA-administered hazardous waste programs but also to sites in States that administer programs approved by EPA. Even in the latter instance, close Federal control is ensured by the comprehensiveness of the program elements required of all State programs coupled with EPA's authority to enforce State program requirements directly if the State fails to do so. EPA does, however, consider eligible for listing on the NPL those RCRA facilities at which a significant portion of the release appears to come from "non-regulated units" of the facility, that is, portions of the facility that ceased operation prior to January 26, 1983. However, pending amendments to RCRA would extend RCRA jurisdiction to releases from non-regulated units at regulated facilities. Therefore, if the amendments are enacted, the Agency will consider modifying the existing policy of including such sites on the NPL at that time.

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## VII. Regulatory Impact Analysis

The costs of cleanup actions that may be taken at sites are not directly attributable to listing on the NPL, as explained below and therefore, the Agency has determined that this rulemaking is not a "major" regulation under Executive Order 12291. The EPA has conducted a preliminary analysis of the economic implications of today's proposed amendment to the NCP. The EPA believes that the kind of economic effects associated with this revision are generally similar to those effects identified in the regulatory impact analysis (RIA) prepared in 1982 for the revisions to the NCP pursuant to section 105 of CERCLA. The Agency believes the anticipated economic effects related to proposing the addition of 244 sites to the NPL can be characterized in terms of the conclusions of the earlier regulatory impact analysis. At that time, the Agency noted that a more extensive analysis of the economic impacts of the NCP would be prepared in the future and would accompany publication of future major amendments to the NCP. The Agency expects to propose major amendments to the NCP in the future and a more comprehensive economic analysis will be made available for comment at that time.

### **Costs**

The EPA has determined that this proposed rulemaking is not a "major" regulation under Executive Order 12291 because inclusion of a site on the NPL does not itself impose any costs. It does not establish that EPA will necessarily undertake response action, nor does it require any action by a private party or determine its liability for site response costs. Costs that arise out of site response result from site-by-site decisions about what actions to take, not directly from the act of listing itself. Nonetheless, it is useful to consider the costs associated with responding to all sites included in a listing proposed rulemaking. This action was submitted to the Office of Management and Budget (OMB) for review.

The major events that follow the proposed listing of a site on the NPL are a responsible party search and a Remedial Investigation/Feasibility Study (RI/FS) which determines whether response actions will be undertaken at a site. Design and construction of the selected remedial alternative follow completion of the RI/FS, and operation and maintenance (O&M) activities may

continue after construction has been completed.

Costs associated with responsible party searches are initially borne by EPA. Responsible parties may bear some or all the costs of the RI/FS, design and construction, and O&M, or the costs may be shared by EPA and the States on a 90%:10% basis (50%:50% in the case of State-owned sites). Additionally, States assume all costs for O&M activities after the first year at sites involving Fund-financed remedial actions.

Rough estimates of the average per-site and total costs associated with each of the above activities are presented below. At this time EPA is unable to predict what portions of the total costs will be borne by responsible parties, since the distribution of costs depends on the extent of voluntary and negotiated response and the successfulness of cost recovery actions where such actions are brought.

| Cost category                                   | Average total cost per site <sup>1</sup> |
|---|--|
| RI/FS   | \$ 800,000                               |
| Remedial Design                                 | 440,000                                  |
| Remedial Action                                 | 7,200,000                                |
| Initial Remedial Measures (IRM) at 10% of sites | 80,000                                   |
| Net Present Value of O&M (over 30 years)        | 4,100,000                                |

Source: OERR budget figures (assumes \$6.5 million Federal share for remedial action). <sup>1</sup> 1984 U.S. Dollars.

Costs to States associated with today's proposed amendment arise from the statutory State cost-share requirement of:

1. 10 percent of remedial implementation (remedial action and IRM) and O&M costs at privately-owned sites; and
2. 50 percent of the remedial planning (RI/FS and remedial design), remedial implementation and O&M costs at State or locally-owned sites.

Using the assumptions developed in the 1982 RIA, we can assume that 90 percent of the 208 non-Federal sites proposed to be added to the NPL in this amendment will be privately-owned and 10 percent will be State or locally-owned. Therefore, using the budget projections presented above, the cost to States of undertaking Federal remedial actions at all 208 non-Federal sites would be \$344 million.

The act of listing a hazardous waste site on the final NPL does not necessarily cause firms responsible for the site to bear costs. Nonetheless, a listing may induce firms to clean up the sites voluntarily, or it may act as a potential trigger for subsequent enforcement or cost recovery actions. Such actions may impose costs on firms, but the decisions to take such actions are discretionary, and made on a case-by-case basis. Consequently, precise estimates of these effects cannot be made. EPA does not believe that every site will be cleaned up by a responsible party. EPA cannot project at this time which firms or industry sectors will bear specific portions of response costs, but the Agency considers such factors as: the volume and nature of the wastes contributed; the strength of the evidence linking the wastes at the site to the parties; ability to pay; and other factors when deciding whether and how to proceed against potentially responsible parties.

Economy-wide effects of this proposed amendment are aggregations of effects on firms and State and local governments. Although effects could be felt by some individual firms and States, the total impact of this revision on output, prices, and employment is expected to be negligible at the

national level, as was the case in the 1982 RIA.

### **Benefits**

The real benefits associated with today's proposed amendment come in the form of increased health and environmental protection as a result of increased public awareness of potential hazards and the additional response actions at hazardous waste sites. In addition to the potential for more Federally-financed remedial actions, this proposed expansion of the NPL could accelerate privately-financed, voluntary cleanup efforts to avoid potential adverse publicity, private lawsuits, and/or Federal or State enforcement actions.

As a result of the additional NPL remedies, there will be lower human exposure to high risk chemicals, and higher quality surface water, ground water, soil, and air. The magnitude of these benefits is expected to be significant, although difficult to estimate in advance of completing the RI/FS at these particular sites.

Associated with the costs of remedial actions are significant potential benefits and cost offsets. The distributional costs to firms of financing NPL remedies have corresponding "benefits" in that Funds expended for a response generates employment, directly or indirectly (through purchased materials).

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## **VIII. Regulatory Flexibility Act Analysis**

The Regulatory Flexibility Act of 1980 requires EPA to review the impacts of this action on small entities, or certify that the action will not have a significant impact on a substantial number of small entities. By small entities the Act refers to small businesses, small governmental jurisdictions, and non-profit organizations.

While proposed modifications to the NPL are considered revisions to the NCP, they are not typical regulatory changes since the revisions do not automatically impose costs. The proposed listing of sites on the NPL does not in itself require any action of any private party, nor does it determine the liability of any party for the cost of cleanup at the site. Further, no identifiable groups are affected as a whole. As a consequence, it is hard to predict impacts on any group. A site's proposed inclusion on the NPL could increase the likelihood that adverse impacts to responsible parties (in the form of clean-up costs) will occur, but EPA cannot identify the potentially affected businesses at this time nor estimate a number of businesses affected. In addition, we cannot define what is "small" for the wide variety of potentially affected small entities. Because small entities that could be affected by this rulemaking would come from any industrial sector and could include governmental units, it is not possible to articulate a meaningful definition of small entities.

The Agency does expect that certain industries and firms within industries that have caused a proportionately high percentage of waste site problems could be significantly affected by CERCLA actions. However, EPA does not expect the impacts from the proposed listing of these 238 sites, or the NPL as a whole, to have a significant economic impact on small business as a whole.

In any case, economic impacts would only occur through enforcement and cost recovery actions which are taken at EPA's discretion on a site-by-site basis. EPA considers many factors when determining what enforcement actions to take, including not only the firm's contribution to the problem, but also the firm's ability to pay. The impacts (from cost-recovery) on small governments and non-profit organizations would be determined on a similar case-by-case basis.

### **List of Subjects in 40 CFR Part 300**

Air pollution control, Chemicals, Hazardous materials, Intergovernmental relations, Natural resources, Oil pollution, Reporting and recordkeeping requirements, Superfund, Waste treatment and disposal, Water pollution control, Water supply.

Dated: October 2, 1984.

**William D. Ruckelshaus,**  
*Administrator.*

**PART 300 - [AMENDED]**

It is proposed to amend Appendix B of 40 CFR Part 300 by adding the following sites to the National Priorities List:

**National Priorities Update List - Group 1**

| EPA<br>RG | ST | Site name                         | City/county    | Response<br>category # | Cleanup<br>status @ |
|-----------|----|-----------------------------------|----------------|------------------------|---------------------|
| 08        | UT | Sharon Steel (Midvale Smelter)    | Midvale        | D                      |                     |
| 08        | UT | Portland Cement (Kiln Dust 2 & 3) | Salt Lake City | D                      |                     |

**National Priorities Update List - Group 2**

| EPA<br>RG | ST | Site name                  | City/county | Response<br>category # | Cleanup<br>status @ |
|-----------|----|----------------------------|-------------|------------------------|---------------------|
| 04        | FL | Peak Oil Co./Bay Drum Co.  | Tampa       | S                      |                     |
| 05        | OH | Industrial Excess Landfill | Uniontown   | D                      |                     |

**National Priorities Update List - Group 3**

| EPA<br>RG | ST | Site name                    | City/county      | Response<br>category # | Cleanup<br>status @ |
|-----------|----|------------------------------|------------------|------------------------|---------------------|
| 10        | WA | Midway Landfill              | Kent             | D                      |                     |
| 06        | TX | Bailey Waste Disposal        | Bridge City      | D                      |                     |
| 05        | MI | Thermo-Chem, Inc.            | Muskegon         | D                      |                     |
| 09        | CA | Van Waters & Rogers, Inc.    | San Jose         | D                      |                     |
| 05        | MN | Pine Bend/Crosby American Lf | Dakota County    | D                      |                     |
| 07        | IA | Chemplex Co.                 | Clinton/Camanche | D                      |                     |

|    |    |                                      |         |   |  |
|----|----|--------------------------------------|---------|---|--|
| 04 | NC | NC State U (Lot 86,<br>Farm Unit #1) | Raleigh | D |  |
|----|----|--------------------------------------|---------|---|--|

## National Priorities Update List - Group 4

| EPA<br>RG | ST | Site name                               | City/county           | Response<br>category # | Cleanup<br>status @ |
|-----------|----|---|-----------------------|------------------------|---------------------|
| 05        | OH | General Electric<br>(Coshocton Plant)   | Coshocton             | D                      |                     |
| 02        | NY | Liberty Industrial<br>Finishing         | Farmingdale           | D                      |                     |
| 06        | TX | Brio Refining Co., Inc.                 | Friendswood           | D                      |                     |
| 02        | NJ | Glen Ridge Radium<br>Site               | Glen Ridge            | R                      | O                   |
| 02        | NJ | Montclair/West<br>Orange Radium Site    | Montclair/W<br>Orange | R                      | O                   |
| 04        | NC | Celanese (Shelby<br>Fiber Operations)   | Shelby                | D                      |                     |
| 05        | IN | International Minerals<br>(E. Plant)    | Terre Haute           | D                      |                     |
| 05        | MI | Motor Wheel, Inc.                       | Lansing               | D                      |                     |
| 06        | TX | Stewco, Inc.                            | Waskom                | D                      |                     |
| 05        | OH | AlSCO Anaconda                          | Gnadenhutten          | D                      |                     |
| 02        | NY | Johnstown City Landfill                 | Town of<br>Johnstown  | D                      |                     |
| 03        | PA | Hunterstown Road                        | Straban<br>Township   | V, F                   | O                   |
| 02        | NY | Hooker<br>Chemical/Ruco<br>Polymer Corp | Hicksville            | D                      |                     |
| 07        | NE | Lindsay Manufacturing<br>Co.            | Lindsay               | V, S                   | O                   |
| 09        | CA | Operating Industries,<br>Inc. Lf        | Monterey Park         | S                      |                     |
| 04        | FL | Pratt & Whitney<br>Air/United Tech.     | West Palm<br>Beach    | D                      |                     |
| 08        | CO | Eagle Mine                              | Minturn/Redcliff      | R                      |                     |

## National Priorities Update List - Group 5

| EPA | ST | Site name | City/county | Response | Cleanup |
|-----|----|-----------|-------------|----------|---------|
|-----|----|-----------|-------------|----------|---------|

| RG |    |                                   |                    | category # | status @ |
|----|----|-----------------------------------|--------------------|------------|----------|
| 07 | MO | Lee Chemical                      | Liberty            | R          | I        |
| 05 | MI | Torch Lake                        | Houghton County    | D          |          |
| 01 | RI | Central Landfill                  | Johnston           | F          |          |
| 03 | PA | Domino Salvage Yard               | Valley Township    | VRS        | O        |
| 08 | UT | Mayflower Mountain Tailings Ponds | Wasatch County     | D          |          |
|    | WV | Mobay Chemical (New Martinsville) | New Martinsville   | D          |          |
|    | PA | Whitmoyer Laboratories            | Jackson Township   | D          |          |
| 03 | PA | Shriver's Corner                  | Straban Township   | VF         | O        |
| 03 | VA | Culpeper Wood Preservers, Inc.    | Culpeper           | FS         |          |
| 05 | MN | U of Minnesota Rosemount Res Cent | Rosemount          | D          |          |
| 04 | MS | Newsom Brothers/Old Reichhold     | Columbia           | R          | O        |
| 02 | NY | Tronic Plating Co., Inc.          | Farmingdale        | D          |          |
| 02 | NJ | Waldick Aerospace Devices, Inc.   | Wall Township      | S          |          |
| 08 | CO | Smuggler Mountain                 | Aspen              | D          |          |
| 09 | CA | Alviso Dumping Areas              | Alviso             | D          |          |
| 10 | OR | Martin-Marietta Aluminum Co.      | The Dalles         | D          |          |
| 08 | CO | Uravan Uranium (Union Carbide)    | Uravan             | D          |          |
| 05 | MN | Oak Grove Sanitary Landfill       | Oak Grove Township |            |          |

## National Priorities Update List - Group 6

| EPA RG | ST | Site name                 | City/county | Response category # | Cleanup status @ |
|--------|----|---------------------------|-------------|---------------------|------------------|
| 10     | WA | Quendall Terminal         | Renton      | D                   |                  |
| 05     | IN | Fort Wayne Reduction Dump | Fort Wayne  | D                   |                  |
| 05     | IL | Pagel's Pit               | Rockford    | D                   |                  |



|    |    |                                    |                      |    |   |
|----|----|------------------------------------|----------------------|----|---|
| 03 | MD | Mid-Atlantic Wood Preservers, Inc  | Harmans              | VS | O |
| 07 | NE | Hastings Ground Water Contamin     | Hastings             | D  |   |
| 05 | MN | Kummer Sanitary Landfill           | Bemidji              | R  |   |
| 09 | HI | Mililani Wells                     | Oahu                 | D  |   |
| 09 | CA | Monolithic Memories, Inc.          | Sunnyvale            | D  |   |
| 06 | TX | Odessa Chromium #1                 | Odessa               | D  |   |
| 06 | TX | Odessa Chromium #2 (Andrews Hgwy)  | Odessa               | D  |   |
| 09 | CA | San Fernando Valley (Area 1)       | Los Angeles          | D  |   |
| 09 | CA | San Fernando Valley (Area 2)       | Los Angeles/Glendale | D  |   |
| 09 | CA | San Fernando Valley (Area 3)       | Glendale             | D  |   |
| 09 | CA | Teledyne Semiconductor             | Mountain View        | D  |   |
| 09 | CA | Thompson Hayward Chemical Co.      | Fresno               | S  |   |
| 09 | HI | Waiawa Shaft                       | Oahu                 | D  |   |
| 04 | NC | Jadco-Hughes Facility              | Belmont              | D  |   |
| 02 | NY | Applied Environmental Services     | Glenwood Landing     | S  |   |
| 09 | AZ | Motorola, Inc. (52nd Street Plant) | Phoenix              | D  |   |

## National Priorities Update List - Group 7

| EPA RG | ST | Site name                      | City/county   | Response category # | Cleanup status @ |
|--------|----|--------------------------------|---------------|---------------------|------------------|
| 07     | MO | Quality Plating                | Sikeston      | D                   |                  |
| 05     | MI | Roto-Finish Co., Inc.          | Kalamazoo     | D                   |                  |
| 10     | WA | Toftdahl Drums                 | Brush Prairie | D                   |                  |
| 09     | CA | Westinghouse (Sunnyvale Plant) | Sunnyvale     | D                   |                  |
| 02     | NY | Nepera Chemical Co., Inc.      | Maybrook      | D                   |                  |

|    |    |                                   |               |     |   |
|----|----|-----------------------------------|---------------|-----|---|
| 09 | CA | FMC Corp. (Fresno Plant)          | Fresno        | D   |   |
| 03 | VA | IBM Corp. (Manassas Plant Spill)  | Manassas      | D   |   |
| 09 | HI | Kunia Wells I                     | Oahu          | D   |   |
| 09 | HI | Kunia Wells II                    | Oahu          | D   |   |
| 02 | NY | Pasley Solvents & Chemicals, Inc. | Hempstead     | D   |   |
| 06 | TX | Sol Lynn/Industrial Transformers  | Houston       | D   |   |
| 09 | HI | Waipahu Wells                     | Oahu          | D   |   |
| 07 | KS | National Industrial Environ Serv  | Furley        | S   |   |
| 05 | IL | Kerr-McGee (Reed-Keppler Park)    | West Chicago  | D   |   |
| 05 | IL | Kerr-McGee (Kress Creek)          | DuPage County | D   |   |
| 09 | CA | Southern Pacific Transportation   | Roseville     | S   |   |
| 06 | TX | South Cavalcade Street            | Houston       | D   |   |
| 05 | WI | National Presto Industries, Inc.  | Eau Claire    | D   |   |
| 05 | IL | Petersen Sand & Gravel            | Libertyville  | R   |   |
| 08 | MT | Idaho Pole Co.                    | Bozeman       | D   |   |
| 07 | MO | Findett Corp.                     | St. Charles   | VF  | I |
| 05 | MN | Windom Dump                       | Windom        | D   |   |
| 05 | IL | Kerr-McGee (Residential Areas)    | West Chicago  | D   |   |
| 05 | IL | NL Industries/Taracorp Lead Smelt | Granite City  | VFS |   |
| 05 | MI | E. I. Du Pont (Montague Plant)    | Montague      | D   |   |

## National Priorities Update List - Group 8

| EPA RG | ST | Site name                       | City/county | Response category # | Cleanup status @ |
|--------|----|---------------------------------|-------------|---------------------|------------------|
| 09     | CA | Advanced Micro Devices, Inc.    | Sunnyvale   | S                   |                  |
| 04     | NC | Bypass 601 Ground Water Contam. | Concord     | D                   |                  |

|    |    |                                    |                      |    |   |
|----|----|------------------------------------|----------------------|----|---|
| 02 | NJ | Cinnaminson Ground Water Contam    | Cinnaminson Township | D  |   |
| 05 | MI | Lenawee Disposal Service, Inc. Lf  | Adrian               | D  |   |
| 09 | CA | Raytheon Corp.                     | Mountain View        | D  |   |
| 07 | MO | Solid State Circuits, Inc.         | Republic             | RS | I |
| 07 | NE | Waverly Ground Water Contamin      | Waverly              | D  |   |
| 05 | MI | Michigan Disposal (Cork St Lf)     | Kalamazoo            | D  |   |
| 09 | CA | Fairchild Camera (S San Jose Plt)  | South San Jose       | D  |   |
| 03 | PA | Brown's Battery Breaking           | Shoemakersville      | R  | C |
| 02 | NY | SMS Instruments, Inc.              | Deer Park            | D  |   |
| 02 | NY | Byron Barrel & Drum                | Byron                | R  | I |
| 02 | NY | Anchor Chemicals                   | Hicksville           | D  |   |
| 05 | MI | Waste Management-Mich (Holland)    | Holland              | D  |   |
| 06 | TX | North Cavalcade Street             | Houston              | D  |   |
| 08 | MT | Burlington Northern (Somers Plant) | Somers               | D  |   |
| 05 | IN | Neal's Dump (Spencer)              | Spencer              | FS |   |
| 03 | PA | Westinghouse Elevator Co. Plant    | Gettysburg           | D  | O |
| 03 | PA | Middletown Air Field               | Middletown           | D  | I |
| 03 | WV | Ordnance Works Disposal Areas      | Morgantown           | D  | O |
| 02 | NY | Endicott Village Well Field        | Village of Endicott  | D  |   |
| 09 | CA | National Semiconductor Corp.       | Santa Clara          | D  |   |
| 09 | CA | San Fernando Valley (Area 4)       | Los Angeles          | D  |   |
| 02 | NY | Suffern Village Well Field         | Village of Suffern   | D  |   |

## National Priorities Update List - Group 9

| EPA | ST | Site name | City/county | Response | Cleanup |
|-----|----|-----------|-------------|----------|---------|
|-----|----|-----------|-------------|----------|---------|

| RG |    |                                   |                     | category # | status @ |
|----|----|-----------------------------------|---------------------|------------|----------|
| 03 | VA | Avtex Fibers, Inc.                | Front Royal         | D          |          |
| 02 | NY | Katonah Municipal Well            | Town of Bedford     | D          |          |
| 09 | HI | Waipio Heights Wells II           | Oahu                | D          |          |
| 04 | TN | American Creosote Works, Inc.     | Jackson             | R          | O        |
| 05 | IL | Kerr-McGee (Sewage Treat Plant)   | West Chicago        | D          |          |
| 02 | NY | Preferred Plating Corp.           | Farmingdale         | D          |          |
| 08 | UT | Monticello Rad Contaminated Props | Monticello          | D          |          |
| 01 | MA | Salem Acres                       | Salem               | D          |          |
| 04 | FL | Davidson Lumber Co.               | South Miami         | S          | O        |
| 09 | CA | J.H. Baxter Co.                   | Weed                | S          |          |
| 10 | WA | Mica Landfill                     | Mica                | D          |          |
| 02 | NY | Clothier Disposal                 | Town of Granby      | D          |          |
| 03 | PA | Ambler Asbestos Piles             | Ambler              | VRFS       | O        |
| 03 | VA | L. A. Clarke & Son                | Spotsylvania County | S          |          |
| 05 | IL | Sheffield (U.S. Ecology, Inc.)    | Sheffield           | D          |          |
| 09 | CA | Beckman Instruments (Porterville) | Porterville         | D          |          |
| 05 | MI | Lacks Industries, Inc.            | Grand Rapids        | D          |          |
| 03 | MD | Southern Maryland Wood Treating   | Hollywood           | D          |          |
| 04 | FL | Dubose Oil Products Co.           | Cantonment          | S          |          |
| 09 | CA | Lorentz Barrel & Drum Co.         | San Jose            | S          |          |
| 03 | PA | Modern Sanitation Landfill        | Lower Windsor Twp   | D          |          |
| 05 | MI | North Bronson Industrial Area     | Bronson             | D          |          |
| 09 | CA | Montrose Chemical Corp.           | Torrance            | F          |          |
| 10 | WA | Northwest Transformer             | Everson             | D          |          |
| 08 | UT | Olson/Neihart Reservoir           | Wasatch County      | D          |          |

|    |    |                                   |                 |   |  |
|----|----|-----------------------------------|-----------------|---|--|
| 02 | NY | North Sea Municipal Landfill      | North Sea       | D |  |
| 09 | CA | Louisiana-Pacific Corp.           | Oroville        | D |  |
| 05 | MI | South Macomb Disposal (Lf 9 & 9A) | Macomb Township | D |  |

## National Priorities Update List - Group 10

| EPA RG | ST | Site name                        | City/county        | Response category # | Cleanup status @ |
|--------|----|----------------------------------|--------------------|---------------------|------------------|
| 05     | MN | Adrian Municipal Well Field      | Adrian             | S                   |                  |
| 02     | NY | Haviland Complex                 | Town of Hyde Park  | D                   |                  |
| 02     | NY | Hertel Landfill                  | Plattekill         | D                   |                  |
| 09     | CA | Marley Cooling Tower Co.         | Stockton           | D                   |                  |
| 05     | MN | Olmsted County Sanitary Landfill | Oronoco            | D                   |                  |
| 07     | KS | Strother Field Industrial Park   | Cowley County      | R                   | I                |
| 02     | NJ | Fried Industries                 | East Brunswick Twp | D                   |                  |
| 02     | NY | Goldisc Recordings, Inc.         | Holbrook           | D                   |                  |
| 02     | NJ | Lodi Municipal Well              | Lodi               | D                   |                  |
| 02     | NY | Samney Farm                      | Amenia             | D                   |                  |
| 01     | MA | Rose Disposal Pit                | Lanesboro          | FS                  |                  |
| 05     | OH | Van Dale Junkyard                | Marietta           | S                   |                  |
| 02     | NY | FMC Corp. (Dublin Road Landfill) | Town of Shelby     | V                   |                  |
| 02     | NY | Volney Municipal Landfill        | Town of Volney     | V                   |                  |
| 04     | KY | Smith's Farm                     | Brooks             | R                   | O                |
| 07     | KS | Big River Sand Co.               | Wichita            | VS                  | O                |
| 05     | WI | Stoughton City Landfill          | Stoughton          | D                   |                  |
| 06     | TX | Crystal City Airport             | Crystal City       | D                   |                  |
| 02     | NY | Cortese Landfill                 | Vil of Narrowsburg | S                   |                  |
| 04     | FL | City Industries, Inc.            | Orlando            | RFS                 | O                |
| 09     | CA | Applied Materials                | Santa Clara        | D                   |                  |

|    |    |                                   |                   |   |   |
|----|----|-----------------------------------|-------------------|---|---|
| 09 | CA | Fairchild Camera (Mountain View)  | Mountain View     | D |   |
| 09 | CA | Intel Corp. (Mountain View Plant) | Mountain View     | D |   |
| 09 | CA | Intel Corp. (Santa Clara III)     | Santa Clara       | D |   |
| 09 | CA | Intel Magnetics                   | Santa Clara       | D |   |
| 05 | MN | Long Prairie Ground Water Contam  | Long Prairie      | D |   |
| 02 | NJ | Pomona Oaks Residential Wells     | Galloway Township | D |   |
| 09 | CA | Precision Monolithic, Inc.        | Santa Clara       | D |   |
| 05 | OH | Sanitary Landfill Co. (IWD)       | Dayton            | D |   |
| 09 | CA | Signetics, Inc.                   | Sunnyvale         | S |   |
| 02 | NY | Kenmark Textile Corp.             | Farmingdale       | D |   |
| 04 | KY | Maxey Flats Nuclear Disposal      | Hillsboro         | R | O |
| 08 | MT | Mouat Industries                  | Columbus          | D |   |
| 02 | NY | Claremont Polychemical            | Old Bethpage      | V |   |
| 07 | IA | Vogel Paint & Wax Co.             | Orange City       | S | I |
| 05 | MN | Kurt Manufacturing Co.            | Fridley           | D |   |
| 06 | TX | Koppers Co., Inc. (Texarkana Plt) | Texarkana         | D |   |
| 05 | MN | Agate Lake Scrapyard              | Fairview Township | D |   |
| 05 | MI | Avenue "E" Ground Water Contamin  | Traverse City     | S | I |
| 02 | NJ | Jame Fine Chemical                | Bound Brook       | D |   |
| 05 | MN | Koch Refining Co./N-Ren Corp.     | Pine Bend         | D |   |
| 07 | IA | U. S. Nameplate Co.               | Mount Vernon      | D |   |
| 05 | WI | Fadrowski Drum Disposal           | Franklin          | D |   |
| 09 | CA | Zoecon Corp/Rhone-Poulenc, Inc.   | East Palo Alto    | S |   |
| 06 | AR | Midland Products                  | Ola/Birta         | D |   |
| 02 | NY | BEC Trucking                      | Town of Vestal    | D |   |
| 02 | NY | Robintech, Inc./National Pipe Co. | Town of Vestal    | D |   |

## National Priorities Update List - Group 11

| EPA RG | ST | Site name                        | City/county        | Response category # | Cleanup status @ |
|--------|----|----------------------------------|--------------------|---------------------|------------------|
| 03     | VA | Rhinehart Tire Fire Dump         | Frederick County   | VRF                 | O                |
| 01     | MA | Haverhill Municipal Landfill     | Haverhill          | D                   |                  |
| 02     | NY | Colesville Municipal Landfill    | Town of Colesville | D                   |                  |
| 09     | CA | Firestone Tire (Salinas Plant)   | Salinas            | D                   |                  |
| 05     | IN | MIDCO II                         | Gary               | RF                  | I                |
| 03     | MD | Kane & Lombard Street Drums      | Baltimore          | R                   | O                |
| 10     | WA | Silver Mountain Mine             | Loomis             | D                   |                  |
| 06     | TX | Petro-Chemical (Turtle Bayou)    | Liberty County     | D                   |                  |
| 05     | OH | Republic Steel Corp. Quarry      | Elyria             | D                   |                  |
| 09     | CA | Hewlett Packard                  | Palo Alto          | D                   |                  |
| 01     | MA | Shpack Landfill                  | Norton/Attleboro   | D                   |                  |
| 04     | FL | Montco Research Products, Inc.   | Hollister          | S                   |                  |
| 01     | MA | Norwood PCBs                     | Norwood            | R                   |                  |
| 01     | NH | Coakley Landfill                 | North Hampton      | S                   |                  |
| 09     | CA | IBM Corp. (San Jose Plant)       | San Jose           | D                   |                  |
| 07     | MO | North-U Drive Well Contamination | Springfield        | R                   | I                |
| 10     | WA | Northside Landfill               | Spokane            | D                   |                  |
| 06     | TX | Pesses Chemical Co.              | Fort Worth         | D                   |                  |
| 07     | MO | Bee Cee Manufacturing Co.        | Malden             | D                   |                  |

Total Sites Listed: 208.

#: V=Voluntary or negotiated response; R=Federal and State response; F=Federal enforcement; S=State enforcement; D=Actions to be determined.

@: I=Implementation activity underway, one or more operable units; O=One or more operable units completed, others may be underway; C=Implementation activity

completed for all operable units.

**National Priorities Update List - Federal Sites - Group 1**

| EPA<br>RG | ST | Site name                           | City/county | Response<br>category # | Cleanup<br>status @ |
|-----------|----|-------------------------------------|-------------|------------------------|---------------------|
| 08        | CO | Rocky Flats Plant<br>(USDOE)        | Golden      | R                      | O                   |
| 05        | IL | Sangamo/Crab Orchard<br>NWR (USDOI) | Carterville | R                      |                     |

**National Priorities Update List - Federal Sites - Group 2**

| EPA<br>RG | ST | Site name                            | City/county     | Response<br>category # | Cleanup<br>status @ |
|-----------|----|--------------------------------------|-----------------|------------------------|---------------------|
| 04        | TN | Milan Army<br>Ammunition Plant       | Milan           | R                      | I                   |
| 08        | CO | Rocky Mountain<br>Arsenal            | Adams<br>County | R                      | O                   |
| 09        | CA | McClellan AFB<br>(Ground Water Cont) | Sacramento      | R                      | I                   |

**National Priorities Update List - Federal Sites - Group 3**

| EPA<br>RG | ST | Site name                            | City/county           | Response<br>category # | Cleanup<br>status @ |
|-----------|----|--------------------------------------|-----------------------|------------------------|---------------------|
| 07        | MO | Weldon Spring Quarry<br>(USDOE/ARMY) | St. Charles<br>County | R                      |                     |
| 04        | AL | Anniston Army Depot<br>(SE Ind Area) | Anniston              | R                      | O                   |
| 04        | GA | Robins Air Force Base                | Houston<br>County     | R                      |                     |

**National Priorities Update List - Federal Sites - Group 4**

| EPA<br>RG | ST | Site name                           | City/county | Response<br>category # | Cleanup<br>status @ |
|-----------|----|-------------------------------------|-------------|------------------------|---------------------|
| 07        | NE | Cornhusker Army<br>Ammunition Plant | Hall County | R                      | O                   |
| 08        | UT | Hill Air Force Base                 | Ogden       | R                      | O                   |



**National Priorities Update List - Federal Sites - Group 5**

| EPA RG | ST | Site name                         | City/county | Response category # | Cleanup status @ |
|--------|----|-----------------------------------|-------------|---------------------|------------------|
| 08     | UT | Ogden Defense Depot               | Ogden       | R                   |                  |
| 09     | CA | Sacramento Army Depot             | Sacramento  | R                   |                  |
| 01     | ME | Brunswick Naval Air Station       | Brunswick   | R                   |                  |
| 10     | WA | McChord AFB (Wash Rack/Treatment) | Tacoma      | R                   |                  |

**National Priorities Update List - Federal Sites - Group 6**

| EPA RG | ST | Site name                      | City/county | Response category # | Cleanup status @ |
|--------|----|--------------------------------|-------------|---------------------|------------------|
| 10     | WA | Fort Lewis (Landfill No. 5)    | Tacoma      | D                   |                  |
| 09     | CA | Lawrence Livermore Lab (USDOE) | Livermore   | R                   | O                |
| 09     | CA | Sharpe Army Depot              | Lathrop     | R                   |                  |
| 05     | IL | Savanna Army Depot Activity    | Savanna     | R                   |                  |

**National Priorities Update List - Federal Sites - Group 7**

| EPA RG | ST | Site name                         | City/county    | Response category # | Cleanup status @ |
|--------|----|-----------------------------------|----------------|---------------------|------------------|
| 06     | TX | Air Force Plant #4 (Gen Dynamics) | Fort Worth     | R                   |                  |
| 09     | CA | Norton Air Force Base             | San Bernardino | R                   |                  |
| 08     | UT | Tooele Army Depot (North Area)    | Tooele         | R                   |                  |

**National Priorities Update List - Federal Sites - Group 8**

| EPA RG | ST | Site name | City/county | Response category # | Cleanup status @ |
|--------|----|-----------|-------------|---------------------|------------------|
|--------|----|-----------|-------------|---------------------|------------------|

|    |    |                                   |              |   |   |
|----|----|-----------------------------------|--------------|---|---|
| 09 | CA | Castle Air Force Base             | Merced       | R | I |
| 02 | NJ | Fort Dix (Landfill Site)          | Trenton      | R |   |
| 02 | NJ | Naval Weapons Stat Earle (Site A) | Colts Neck   | R |   |
| 04 | AL | Alabama Army Ammunition Plant     | Childersburg | R | O |
| 03 | DE | Dover Air Force Base              | Dover        | D |   |

**National Priorities Update List - Federal Sites - Group 9**

| EPA RG | ST | Site name                        | City/county         | Response category # | Cleanup status @ |
|--------|----|----------------------------------|---------------------|---------------------|------------------|
| 03     | PA | Letterkenny Army Depot (SE Area) | Chambersburg        | R                   | O                |
| 02     | NY | Griffiss Air Force Base          | Rome                | R                   |                  |
| 03     | VA | Defense General Supply Center    | Chesterfield County | R                   | I                |

**National Priorities Update List - Federal Sites - Group 10**

| EPA RG | ST | Site name                         | City/county  | Response category # | Cleanup status @ |
|--------|----|-----------------------------------|--------------|---------------------|------------------|
| 07     | MO | Lake City Army Plant (NW Lagoon)  | Independence | R                   | I                |
| 05     | IL | Joliet Army Ammo Plant (Mfg Area) | Joliet       | R                   | O                |
| 06     | TX | Lone Star Army Ammunition Plant   | Texarkana    | R                   |                  |
| 10     | OR | Umatilla Army Depot Lagoons       | Hermiston    | R                   |                  |

**National Priorities Update List - Federal Sites - Group 11**

| EPA RG | ST | Site name                       | City/county | Response category # | Cleanup status @ |
|--------|----|---------------------------------|-------------|---------------------|------------------|
| 06     | LA | Louisiana Army Ammunition Plant | Doyline     | R                   |                  |
| 10     | WA | Bangor Ordnance Disposal        | Bremerton   | R                   |                  |

|    |    |                                 |            |   |  |
|----|----|---------------------------------|------------|---|--|
| 09 | CA | Mather AFB (AC&W Disposal Site) | Sacramento | R |  |
|----|----|---------------------------------|------------|---|--|

Total Sites Listed: 36.

#: V=Voluntary or negotiated response; R=Federal and State response; F=Federal enforcement; S=State enforcement; D=Actions to be determined.

@: I=Implementation activity underway, one or more operable units; O=One or more operable units completed, others may be underway; C=Implementation activity completed for all operable units.

The following list of final NPL (49 FR 37070 September 21, 1984) indicates the appropriate status codes for response and cleanup activities at these sites.

## National Priorities List - Final Sites - Group 1

| RANK | EPA RG | ST | Site name *                    | City/county         | Response category # | Cleanup status @ |
|------|--------|----|--------------------------------|---------------------|---------------------|------------------|
| 1    | 02     | NJ | Lipari Landfill                | Pitman              | RF                  | O                |
| 2    | 03     | DE | Tybouts Corner Landfill*       | New Castle County   | VRF                 |                  |
| 3    | 03     | PA | Bruin Lagoon                   | Bruin Borough       | R                   | I                |
| 4    | 02     | NJ | Helen Kramer Landfill          | Mantua Township     | R                   |                  |
| 5    | 01     | MA | Industri-Plex                  | Woburn              | VR                  | I                |
| 6    | 02     | NJ | Price Landfill*                | Pleasantville       | RF                  | O                |
| 7    | 02     | NY | Pollution Abatement Services * | Oswego              | RF                  | O                |
| 8    | 07     | IA | LaBounty Site                  | Charles City        | VFS                 | O                |
| 9    | 03     | DE | Army Creek Landfill            | New Castle County   | VF                  |                  |
| 10   | 02     | NJ | CPS/Madison Industries         | Old Bridge Township | S                   |                  |
| 11   | 01     | MA | Nyanza Chemical Waste Dump     | Ashland             | R                   |                  |
| 12   | 02     | NJ | Gems Landfill                  | Gloucester Township | R                   | I                |
| 13   | 05     | MI | Berlin & Farro                 | Swartz Creek        | VRFS                | O                |
| 14   | 01     | MA | Baird & McGuire                | Holbrook            | RF                  | O                |
| 15   | 02     | NJ | Lone Pine Landfill             | Freehold Township   | R                   |                  |
| 16   | 01     | NH | Somersworth Sanitary Landfill  | Somersworth         | R                   |                  |

|    |    |    |                                   |                      |     |   |
|----|----|----|-----------------------------------|----------------------|-----|---|
| 17 | 05 | MN | FMC Corp. (Fridley Plant)         | Fridley              | VFS | O |
| 18 | 06 | AR | Vertac, Inc.                      | Jacksonville         | VF  | I |
| 19 | 01 | NH | Keefe Environmental Services      | Epping               | VRS | O |
| 20 | 08 | SD | Whitewood Creek*                  | Whitewood            | V   |   |
| 21 | 08 | MT | Silver Bow Creek                  | Sil Bow/Deer Lodge   | R   |   |
| 22 | 06 | TX | French, Ltd.                      | Crosby               | RF  | O |
| 23 | 01 | NH | Sylvester *                       | Nashua               | RS  | O |
| 24 | 05 | MI | Liquid Disposal, Inc.             | Utrca                | RF  | O |
| 25 | 03 | PA | Tyson's Dump                      | Upper Merion Twp     | R   | O |
| 26 | 03 | PA | McAdoo Associates *               | McAdoo Borough       | R   |   |
| 27 | 06 | TX | Motco Inc. *                      | La Marque            | R   | O |
| 28 | 05 | OH | Arcanum Iron & Metal              | Darke County         | RF  |   |
| 29 | 08 | MT | East Helena Site                  | East Helena          |     |   |
| 30 | 06 | TX | Sikes Disposal Pits               | Crosby               | RF  | O |
| 31 | 04 | AL | Triana/Tennessee River            | Limesteer/Morgan     | VRF |   |
| 32 | 09 | CA | Stringfellow*                     | Glen Avon Heights RF | RF  | O |
| 33 | 01 | ME | McKin Co.                         | Gray                 | RS  | O |
| 34 | 06 | TX | Crystal Chemical Co.              | Houston              | RF  | O |
| 35 | 02 | NJ | Bridgeport Rental & Oil Services  | Bridgeport           | R   | O |
| 36 | 08 | CO | Sand Creek Industrial             | Commerce City        |     |   |
| 37 | 06 | TX | Geneva Industries/Fuhrmann Energy | Houston              | RF  | O |
| 38 | 01 | MA | W. R. Grace & Co. (Acton Plant)   | Acton                | VF  | I |
| 39 | 05 | MN | Reilly Par (St. Louis Park Plant) | St. Louis Park       | RFS | I |
| 40 | 02 | NJ | Burnt Fly Bog                     | Marlboro Township    | RS  | O |
| 41 | 02 | NJ | Vineland Chemical Co., Inc.       | Vineland             | D   |   |
| 42 | 04 | FL | Schuykill Metals Corp.            | Plant City           | D   | O |

|    |    |    |                              |                  |     |   |
|----|----|----|------------------------------|------------------|-----|---|
| 43 | 05 | MN | New Brighton /Arden Hills    | New Brighton     | R   | O |
| 44 | 02 | NY | Old Bethpage Landfill        | Oyster Bay       | VS  |   |
| 45 | 02 | NJ | Shieldalloy Corp.            | Newfield Borough | D   |   |
| 46 | 04 | FL | Reeves SE Galvanizing Corp.  | Tampa            | D   | O |
| 47 | 08 | MT | Anaconda Co. Smelter         | Anaconda         | VR  |   |
| 48 | 10 | WA | Western Processing Co., Inc. | Kent             | VRF | O |
| 49 | 05 | WI | Omega Hills North Landfill   | Germantown       | D   |   |
| 50 | 04 | FL | American Creosote Works      | Pensacola        | RF  | O |

## National Priorities List - Final Sites - Group 2

| RANK | EPA RG | ST | Site name *                 | City/county      | Response category # | Cleanup status @ |
|------|--------|----|-----------------------------|------------------|---------------------|------------------|
| 51   | 02     | NJ | Caldwell Trucking Co.       | Fairfield        | RS                  |                  |
| 52   | 02     | NY | GE Moreau                   | South Glen Falls | V                   |                  |
| 53   | 05     | IN | Seymour Recycling Corp.*    | Seymour          | VRF                 | O                |
| 54   | 05     | OH | United Scrap Lead Co., Inc. | Troy             | D                   |                  |
| 55   | 06     | OK | Tar Creek (Ottawa County)   | Ottawa County    | R                   | I                |
| 56   | 07     | KS | Cherokee County             | Cherokee County  | R                   |                  |
| 57   | 02     | NJ | Brick Township Landfill     | Brick Township   | D                   |                  |
| 58   | 05     | MI | Northern Plating            | Cadillac         | R                   | O                |
| 59   | 05     | WI | Janesville Old Landfill     | Janesville       | D                   |                  |
| 60   | 10     | WA | Frontier Hard Chrome, Inc.  | Vancouver        | R                   |                  |
| 61   | 04     | SC | Independent Nail Co.        | Beaufort         | D                   |                  |

|    |    |    |                                |                     |      |   |
|----|----|----|--------------------------------|---------------------|------|---|
| 62 | 04 | SC | Kalama Specialty Chemicals     | Beaufort            | S    |   |
| 63 | 05 | WI | Janesville Ash Beds            | Janesville          | D    |   |
| 64 | 04 | FL | Davie Landfill                 | Davie               | D    |   |
| 65 | 05 | OH | Miami County Incinerator       | Troy                | F    |   |
| 66 | 04 | FL | Gold Coast Oil Corp.           | Miami               | D    |   |
| 67 | 05 | WI | Wheeler Pit                    | La Prairie Township | D    |   |
| 68 | 09 | AZ | Tucson Intl Airport Area       | Tucson              | R    |   |
| 69 | 02 | NY | Wide Beach Development         | Brant               | R    |   |
| 70 | 09 | CA | Iron Mountain Mine             | Redding             | R    |   |
| 71 | 02 | NJ | Scientific Chemical Processing | Carlstadt           | S    |   |
| 72 | 08 | CO | California Gulch               | Leadville           |      |   |
| 73 | 02 | NJ | D'Imperio Property             | Hamilton Township   | R    |   |
| 74 | 05 | MI | Gratiot County Landfill*       | St. Louis           | VRFS |   |
| 75 | 01 | RI | Picillo Farm*                  | Coventry            | RS   | O |
| 76 | 01 | MA | New Bedford Site*              | New Bedford         | VRFS | I |
| 77 | 06 | LA | Old Inger Oil Refinery*        | Darrow              | R    | O |
| 78 | 05 | OH | Chem-Dyne*                     | Hamilton            | VRFS | O |
| 79 | 04 | SC | SCRDI Bluff Road*              | Columbia            | VRF  | O |
| 80 | 01 | CT | Laurel Park, Inc. *            | Naugatook Borough   | VS   |   |
| 81 | 08 | CO | Marshall Landfill*             | Boulder County      |      |   |
| 82 | 05 | IL | Outboard Marine Corp.*         | Waukegan            | RFS  |   |
| 83 | 06 | NM | South Valley*                  | Albuquerque         | RF   |   |
| 84 | 01 | VT | Pine Street Canal*             | Burlington          | V    | I |
| 85 | 03 | WV | West Virginia Ordnance*        | Point Pleasant      | V    | O |

|     |    |    |                                |                    |    |   |
|-----|----|----|--------------------------------|--------------------|----|---|
| 86  | 07 | MO | Ellisville Site*               | Ellisville         | R  | O |
| 87  | 08 | ND | Arsenic Trioxide Site*         | Southeastern N.D.  | R  |   |
| 88  | 09 | TT | PCB Wastes*                    | Pacific Trust Terr | R  | C |
| 89  | 03 | VA | Matthews Electroplating*       | Roanoke County     | R  |   |
| 90  | 07 | IA | Ardex Corp.                    | Council Bluffs     | RF | O |
| 91  | 09 | AZ | Mountain View Mobile Homes*    | Globe              | RF | I |
| 92  | 09 | AS | Taputimu Farm*                 | American Samoa     | R  | C |
| 93  | 04 | TN | North Hollywood Dump*          | Memphis            | RS |   |
| 94  | 04 | KY | A.L. Taylor (Valley of Drums)* | Brooks             | RF | O |
| 95  | 04 | NC | PCB Spills*                    | 210 Miles of Roads | RF | C |
| 96  | 09 | CU | Ordot Landfill*                | Guam               | R  |   |
| 97  | 04 | MS | Flowood Site*                  | Flowood            | D  |   |
| 98  | 08 | UT | Rose Park Sludge Pit*          | Salt Lake City     | V  |   |
| 99  | 07 | KS | Arkansas City Dump*            | Arkansas City      | R  |   |
| 100 | 09 | CM | PCB Warehouse*                 | Marianas           | R  | C |

## National Priorities List - Final Sites - Group 3

| RANK | EPA RG | ST | Site name *                     | City/county   | Response category # | Cleanup status @ |
|------|--------|----|---------------------------------|---------------|---------------------|------------------|
| 101  | 05     | MN | Oakdale Dump                    | Oakdale       | F                   |                  |
| 102  | 05     | IL | A & F Material Reclaiming, Inc. | Greenup       | VRFS                | O                |
| 103  | 03     | PA | Douglassville Disposal          | Douglassville | R                   |                  |
| 104  | 02     | NJ | Krysowaty Farm                  | Hillsborough  | R                   |                  |
| 105  | 05     | MN | Koppers Coke                    | St. Paul      | D                   |                  |
| 106  | 01     | MA | Plymouth Harbor/Cannon Engrng   | Plymouth      | VRS                 | O                |

|     |    |    |                                   |                    |      |   |
|-----|----|----|-----------------------------------|--------------------|------|---|
| 107 | 10 | ID | Bunker Hill Mining & Metallurg    | Smelterville       | D    |   |
| 108 | 02 | NY | Hudson River PCBs                 | Hudson River       | R    |   |
| 109 | 02 | NJ | Universal Oil Products (Chem Div) | East Rutherford    | S    |   |
| 110 | 09 | CA | Aerojet General Corp.             | Rancho Cordova     | S    |   |
| 111 | 10 | WA | Com Bay, South Tacoma Channel     | Tacoma             | RF   | O |
| 112 | 03 | PA | Osborne Landfill                  | Grove City         | VS   |   |
| 113 | 01 | CT | Old Southington Landfill          | Southington        | D    |   |
| 114 | 02 | NY | Syosset Landfill                  | Oyster Bay         | D    |   |
| 115 | 09 | AZ | Nineteenth Avenue Landfill        | Phoenix            | S    |   |
| 116 | 10 | OR | Teledyne Wah Chang                | Albany             | D    |   |
| 117 | 02 | NY | Sinclair Refinery                 | Wellsville         | VR   |   |
| 118 | 04 | AL | Mowbray Engineering Co.           | Greenville         | R    | O |
| 119 | 05 | MI | Spiegelberg Landfill              | Green Oak Township | R    |   |
| 120 | 04 | FL | Miami Drum Services               | Miami              | R    | O |
| 121 | 02 | NJ | Reich Farms                       | Pleasant Plains    | D    |   |
| 122 | 10 | ID | Union Pacific Railroad Co.        | Pocatello          | D    |   |
| 123 | 02 | NJ | South Brunswick Landfill          | South Brunswick    | V    | I |
| 124 | 04 | AL | Ciba-Geigy Corp. (McIntosh Plant) | McIntosh           | D    |   |
| 125 | 04 | AL | Bassauf-Kimerling Battery         | Tampa              | RF   |   |
| 126 | 05 | IL | Wauconda Sand & Gravel            | Wauconda           | R    |   |
| 127 | 01 | NH | Ottati & Goss/Kingston Steel Drum | Kingston           | VRFS | O |
| 128 | 05 | MI | Ott/Story/Cordova                 | Dalton Township    | R    | O |
| 129 | 02 | NJ | NL Industries                     | Pedricktown        | S    | O |
| 130 | 05 | MN | St. Regis Paper Co.               | Cass Lake          | D    |   |



|     |    |    |                                |                    |     |   |
|-----|----|----|--------------------------------|--------------------|-----|---|
| 131 | 02 | NJ | Ringwood Mines/Landfill        | Ringwood Borough   | V   |   |
| 132 | 04 | FL | Whitehouse Oil Pits            | Whitehouse         | R   |   |
| 133 | 04 | GA | Hercules 009 Landfill          | Brunswick          | D   |   |
| 134 | 05 | MI | Velsicol Chemical (Michigan)   | St. Louis          | VFS | O |
| 135 | 05 | OH | Summit National                | Deerfield Township | R   |   |
| 136 | 02 | NY | Love Canal                     | Niagara Falls      | RFS | O |
| 137 | 05 | IN | Fisher-Calo                    | LaPorte            | F   |   |
| 138 | 04 | FL | Pioneer Sand Co.               | Warrington         | R   | S |
| 139 | 05 | MI | Springfield Township Dump      | Davisburg          | R   |   |
| 140 | 03 | PA | Hranica Landfill               | Buffalo Township   | D   |   |
| 141 | 04 | NC | Martin Marietta, Sodyeco, Inc. | Charlotte          | D   |   |
| 142 | 04 | FL | Zellwood Ground Water Contam   | Zellwood           | F   |   |
| 143 | 05 | MI | Packaging Corp. of America     | Filer City         | F   |   |
| 144 | 05 | WI | Muskego Sanitary Landfill      | Muskego            | D   |   |
| 145 | 02 | NY | Hooker (S Area)                | Niagara Falls      | FS  |   |
| 146 | 03 | PA | Lindane Dump                   | Harrison Township  | D   |   |
| 147 | 08 | CO | Central City-Clear Creek       | Idaho Springs      | R   |   |
| 148 | 02 | NJ | Ventron/Velsicol               | Wood Ridge Borough | S   |   |
| 149 | 04 | FL | Taylor Road Landfill           | Seffner            | VF  | O |
| 150 | 01 | RI | Western Sand & Gravel          | Burrillville       | RS  | O |

## National Priorities List - Final Sites - Group 4

| RANK | EPA RG | ST | Site name *                       | City/county | Response category # | Cleanup status @ |
|------|--------|----|-----------------------------------|-------------|---------------------|------------------|
| 151  | 04     | SC | Koppers Co., Inc (Florence Plant) | Florence    | S                   |                  |

|     |    |    |                               |                     |     |   |
|-----|----|----|-------------------------------|---------------------|-----|---|
| 152 | 02 | NJ | Maywood Chemical Co.          | Maywood/Rochelle Pk | I   |   |
| 153 | 02 | NJ | Nascolite Corp.               | Millville           | VR  |   |
| 154 | 06 | OK | Hardage/Criner                | Criner              | F   |   |
| 155 | 05 | MI | Rose Township Dump            | Rose Township       | R   |   |
| 156 | 05 | MN | Waste Disposal Engineering    | Andover             | VRF |   |
| 157 | 02 | NJ | Kin-Buc Landfill              | Edison Township     | VRF | O |
| 158 | 05 | OH | Bowers Landfill               | Circleville         | V   |   |
| 159 | 02 | NJ | Ciba-Geigy Corp.              | Toms River          | R   |   |
| 160 | 05 | MI | Butterworth #2 Landfill       | Grand Rapids        | F   |   |
| 161 | 02 | NJ | American Cyanamid Co.         | Bound Brook         | S   |   |
| 162 | 03 | PA | Heleva Landfill               | North Whitehall Twp | R   |   |
| 163 | 02 | NJ | Ewan Property                 | Shamong Township    | D   |   |
| 164 | 02 | NY | Batavia Landfill              | Batavia             | V   |   |
| 165 | 05 | MN | Boise Cascade/Onan/Medtronics | Fridley             | S   | I |
| 166 | 01 | RI | L&RR, Inc.                    | North Smithfield    | VS  |   |
| 167 | 04 | FL | NW 58th Street Landfill       | Hialeah             | R   |   |
| 168 | 02 | NJ | Delilah Road                  | Egg Harbor Township | R   |   |
| 169 | 03 | PA | Mill Creek Dump               | Erie                | R   | O |
| 170 | 04 | FL | Sixty-Second Street Dump      | Tampa               | R   |   |
| 171 | 05 | MI | G&H Landfill                  | Utica               | R   |   |
| 172 | 02 | NJ | Metaltec/Aerosystems          | Franklin Borough    | R   |   |
| 173 | 05 | WI | Schmalz Dump                  | Harrison            | D   |   |
| 174 | 02 | NJ | Lang Property                 | Pemberton Township  | D   |   |
| 175 | 02 | NJ | Sharkey Landfill              | Parsippany Troy Hls | R   |   |
| 176 | 09 | CA | Selma Treating Co.            | Selma               | S   |   |
| 177 | 06 | LA | Cleve Reber                   | Sorrento            | VR  | O |
| 178 | 05 | IL | Velsicol Chemical (Illinois)  | Marshall            | D   |   |
| 179 | 05 | MI | Tar Lake                      | Mancelona Township  | D   |   |
| 180 | 08 | CO | Lowry Landfill                | Arapahoe County     | VR  |   |

|     |    |    |                                  |                    |    |   |
|-----|----|----|----------------------------------|--------------------|----|---|
| 181 | 05 | MN | MacGillis & Gibbs/Bell Lumber    | New Brighton       | S  |   |
| 182 | 02 | NJ | Combe Fill North Landfill        | Mount Olive Twp    | R  |   |
| 183 | 01 | MA | Re-Solve, Inc.                   | Dartmouth          | RF | I |
| 184 | 02 | NJ | Goose Farm                       | Plumstead Township | RF | O |
| 185 | 04 | IN | Velsicol Chem (Hardeman County)  | Toone              | D  |   |
| 186 | 02 | NY | York Oil Co.                     | Moirra             | RF | O |
| 187 | 04 | FL | Sapp Battery Salvage             | Cottondale         | R  | I |
| 188 | 04 | SC | Wamchem, Inc.                    | Burton             | D  |   |
| 189 | 02 | NJ | Chemical Teaman Tank Lines, Inc. | Bridgeport         | D  |   |
| 190 | 05 | WI | Master Disposal Service Landfill | Brookfield         | D  |   |
| 191 | 07 | KS | Doepke Disposal Site (Holliday)  | Johnson County     | D  |   |
| 192 | 02 | NJ | Florence Land Recontouring LF    | Florence Township  | R  |   |
| 193 | 01 | RI | Davis Liquid Waste               | Smithfield         | RS |   |
| 194 | 01 | MA | Charles-George Reclamation Lf    | Tyngsborough       | RF | O |
| 195 | 02 | NJ | King of Prussia                  | Winslow Township   | D  |   |
| 196 | 03 | VA | Chisman Creek                    | York County        | R  |   |
| 197 | 05 | OH | Nease Chemical                   | Salem              | D  |   |
| 198 | 02 | NJ | W. R. Grace & Co. (Wayne Plant)  | Wayne Township     | R  | O |
| 199 | 02 | NJ | Chemical Control                 | Elizabeth          | RS | O |
| 200 | 04 | SC | Leonard Chemical Co., Inc.       | Rock Hill          | S  | O |

## National Priorities List - Final Sites - Group 5

| RANK | EPA RG | ST | Site name *                    | City/county  | Response category # | Cleanup status @ |
|------|--------|----|--------------------------------|--------------|---------------------|------------------|
| 201  | 05     | OH | Allied Chemical & Ironton Coke | Ironton      | RF                  |                  |
| 202  | 05     | MI | Verona Well Field              | Battle Creek | RFS                 | O                |
| 203  | 01     | CT | Beacon Heights Landfill        | Beacon Falls | R                   |                  |

|     |    |    |   |                        |      |   |
|-----|----|----|---|------------------------|------|---|
| 204 | 04 | AL | Stauffer Chem<br>(Cold Creek<br>Plant)  | Bucks                  | D    |   |
| 205 | 05 | MN | Burlington<br>Northern<br>(Brainerd)    | Brainerd/Baxter        | FS   |   |
| 206 | 03 | PA | Malvern TCE                             | Malvern                | D    |   |
| 207 | 02 | NY | Facet Enterprises,<br>Inc.              | Elmira                 | V    |   |
| 208 | 03 | DE | Delaware Sand &<br>Gravel Landfill      | New Castle County      | R    | O |
| 209 | 04 | TN | Murray-Ohio<br>Dump                     | Lawrenceburg           | S    |   |
| 210 | 05 | IN | Envirochem Corp.                        | Zionsville             | VRFS | O |
| 211 | 05 | IN | MIDCO I                                 | Gary                   | RF   | O |
| 212 | 05 | OH | South Point Plant                       | South Point            | D    |   |
| 213 | 04 | FL | Coleman-Evans<br>Wood Preserving<br>Co. | Whitehouse             | S    |   |
| 214 | 03 | PA | Dorney Road<br>Landfill                 | Upper Macungie<br>Twp  | R    |   |
| 215 | 05 | IN | Northside<br>Sanitary Landfill,<br>Inc. | Zionsville             | F    |   |
| 216 | 04 | FL | Florida Steel<br>Corp.                  | Indiantown             | D    |   |
| 217 | 09 | AZ | Litchfield Airport<br>Area              | Goodyear/Avondale      | F    |   |
| 218 | 02 | NJ | Spence Farm                             | Plumstead<br>Township  | R    |   |
| 219 | 06 | AR | Mid-South Wood<br>Products              | Mena                   | F    |   |
| 220 | 09 | CA | Atlas Asbestos<br>Mine                  | Fresno County          | D    |   |
| 221 | 09 | CA | Coalinga<br>Asbestos Mine               | Coalinga               | D    |   |
| 222 | 04 | FL | Brown Wood<br>Preserving                | Live Oak               | F    |   |
| 223 | 02 | NY | Port Washington<br>Landfill             | Port Washington        | D    |   |
| 224 | 02 | NJ | Combe Fill South<br>Landfill            | Chester Township       | R    |   |
| 225 | 02 | NJ | JIS Landfill                            | Jamesburg/S.<br>Brnsck | S    |   |

|     |    |    |   |                       |    |   |
|-----|----|----|---|-----------------------|----|---|
| 226 | 03 | PA | Centre County<br>Kepone                 | State College Boro    | S  | O |
| 227 | 05 | OH | Fields Brook                            | Ashtabula             | D  |   |
| 228 | 01 | CT | Solvents<br>Recovery Service            | Southington           | V  |   |
| 229 | 08 | CO | Woodbury<br>Chemical Co.                | Commerce City         | R  |   |
| 230 | 01 | MA | Hocomonco Pond                          | Westborough           | R  |   |
| 231 | 04 | KY | Distler Brickyard                       | West Point            | RF | O |
| 232 | 02 | NY | Ramapo Landfill                         | Ramapo                | V  |   |
| 233 | 09 | CA | Coast Wood<br>Preserving                | Ukiah                 | S  |   |
| 234 | 02 | NY | Mercury Refining,<br>Inc.               | Colonie               | D  |   |
| 235 | 04 | FL | Hollingsworth<br>Solderless<br>Terminal | Fort Lauderdale       | D  |   |
| 236 | 02 | NY | Olean Well Field                        | Olean                 | VR | O |
| 237 | 04 | FL | Varsol Spill                            | Miami                 | R  |   |
| 238 | 05 | MN | Joslyn<br>Manufacturing &<br>Supply Co. | Brooklyn Center       | FS |   |
| 239 | 08 | CO | Denver Radium<br>Site                   | Denver                | R  |   |
| 240 | 04 | FL | Tower Chemical<br>Co.                   | Clermont              | RF | O |
| 241 | 07 | MO | Syntex Facility                         | Verona                | VF | I |
| 242 | 08 | MT | Milltown<br>Reservoir<br>Sediments      | Milltown              | R  |   |
| 243 | 05 | MN | Arrowhead<br>Refinery Co.               | Hermantown            | R  |   |
| 244 | 02 | NJ | Pijak Farm                              | Plumstead<br>Township | R  |   |
| 245 | 02 | NJ | Syncon Resins                           | South Kearny          | R  | O |
| 246 | 09 | CA | Liquid Cold Oil<br>Corp.                | Richmond              | S  |   |
| 247 | 09 | CA | Purity Oil Sales,<br>Inc.               | Malaga                | R  |   |
| 248 | 01 | NH | Tinkham Garage                          | Londonderry           | RS | O |
| 249 | 04 | FL | Alpha Chemical<br>Corp.                 | Galloway              | D  |   |

|     |    |    |                |                 |   |  |
|-----|----|----|----------------|-----------------|---|--|
| 250 | 02 | NJ | Bog Creek Farm | Howell Township | R |  |
|-----|----|----|----------------|-----------------|---|--|

## National Priorities Update List - Final Sites - Group 6

| RANK | EPA<br>RG | ST | Site name *                      | City/county          | Response<br>category # | Cleanup<br>status @ |
|------|-----------|----|----------------------------------|----------------------|------------------------|---------------------|
| 251  | 01        | ME | Saco Tannery<br>Waste Pits       | Saco                 | R                      | O                   |
| 252  | 04        | FL | Pickettville Road<br>Landfill    | Jacksonville         | D                      |                     |
| 253  | 01        | MA | Iron Horse Park                  | Billerica            | R                      |                     |
| 254  | 03        | PA | Palmerton Zinc Pile              | Palmerton            | F                      |                     |
| 255  | 05        | IN | Neal's Landfill<br>(Bloomington) | Bloomington          | VFS                    |                     |
| 256  | 05        | WI | Kohler Co. Landfill              | Kohler               | D                      |                     |
| 257  | 01        | MA | Silresim Chemical<br>Corp.       | Lowell               | RS                     | O                   |
| 258  | 01        | MA | Wells C&H                        | Woburn               | VF                     |                     |
| 259  | 02        | NJ | Chemsol, Inc.                    | Piscataway           | S                      |                     |
| 260  | 05        | WI | Lauer I Sanitary<br>Landfill     | Menomonee Falls      | D                      |                     |
| 261  | 05        | MI | Petoskey Municipal<br>Well Field | Petoskey             | F                      |                     |
| 262  | 05        | MN | Union Scrap                      | Minneapolis          | S                      |                     |
| 263  | 02        | NJ | Radiation<br>Technology, Inc.    | Rockaway<br>Township | V                      |                     |
| 264  | 02        | NJ | Fair Lawn Well Field             | Fair Lawn            | S                      | I                   |
| 265  | 05        | IN | Main Street Well<br>Field        | Elkhart              | D                      |                     |
| 266  | 05        | MN | Lehillier/Mankato<br>Site        | Lehillier            | R                      | O                   |
| 267  | 10        | WA | Lakewood Site                    | Lakewood             | RS                     | I                   |
| 268  | 03        | PA | Industrial Lane                  | Williams<br>Township | F                      |                     |
| 269  | 05        | WI | Onalaska Municipal<br>Landfill   | Onalaska             | D                      |                     |
| 270  | 02        | NJ | Monroe Township<br>Landfill      | Monroe Township      | S                      | O                   |
| 271  | 02        | NJ | Rockaway Borough<br>Well Field   | Rockaway<br>Township | R                      |                     |
| 272  | 05        | IN | Wayne Waste oil                  | Columbia City        | RS                     |                     |

|     |    |    |                                  |                    |    |   |
|-----|----|----|----------------------------------|--------------------|----|---|
| 273 | 10 | ID | Pacific Hide & Fur Recycling Co. | Pocatello          | RF | O |
| 274 | 07 | IA | Des Moines TCE                   | Des Moines         | F  |   |
| 275 | 02 | NJ | Beachwood/Berkley Wells          | Berkley Township   | R  |   |
| 276 | 02 | NY | Vestal Water Supply Well 4-2     | Vestal             | S  |   |
| 277 | 02 | PR | Vega Alta Public Supply Wells    | Vega Alta          | R  |   |
| 278 | 05 | MI | Sturgis Municipal Wells          | Sturgis            | D  |   |
| 279 | 05 | MN | Washington County Landfill       | Lake Elmo          | S  |   |
| 280 | 09 | AZ | Indian Bend Wash Area            | Scottsdale/Tempe   | F  |   |
| 281 | 09 | CA | San Gabriel Valley (Area 1)      | El Monte           | R  | I |
| 282 | 09 | CA | San Gabriel Valley (Area 2)      | Baldwin Park Area  | R  |   |
| 283 | 10 | WA | Com Bay, Near Shore/Tide Flats   | Pierce County      | R  |   |
| 284 | 05 | IL | LaSalle Electric Utilities       | LaSalle            | R  |   |
| 285 | 05 | IL | Cross Brothers Pail (Pembroke)   | Pembroke Township  | R  |   |
| 286 | 02 | PR | Upjohn Facility                  | Barceloneta        | D  |   |
| 287 | 09 | CA | McColl                           | Fullerton          | RF | I |
| 288 | 03 | PA | Hernderson Road                  | Upper Merion Twp   | D  |   |
| 289 | 10 | WA | Colbert Landfill                 | Colbert            | R  | O |
| 290 | 06 | IA | Petro-Processors                 | Scotlandville      | VF |   |
| 291 | 02 | PR | Frontera Creek                   | Rio Abajo          | D  |   |
| 292 | 02 | PR | Barceloneta Landfill             | Florida Afuera     | D  |   |
| 293 | 03 | MD | Sand, Gravel & Stone             | Elkton             | R  | I |
| 294 | 05 | MI | Spartan Chemical Co.             | Wyoming            | D  |   |
| 295 | 02 | NJ | Roebing Steel Co.                | Florence           | R  |   |
| 296 | 03 | PA | East Mount Zion                  | Springettsbury Twp | R  |   |
| 297 | 04 | TN | Amnicola Dump                    | Chattanooga        | D  |   |
| 298 | 02 | NJ | Vineland State School            | Vineland           | D  |   |

|     |    |    |                   |              |     |   |
|-----|----|----|-------------------|--------------|-----|---|
| 299 | 03 | PA | Enterprise Avenue | Philadelphia | RS  | O |
| 300 | 01 | MA | Groveland Wells   | Groveland    | VRS |   |

## National Priorities List - Final Sites - Group 7

| RANK | EPA<br>RG | ST | Site name *                       | City/county         | Response<br>category<br># | Cleanup<br>status<br>@ |
|------|-----------|----|-----------------------------------|---------------------|---------------------------|------------------------|
| 301  | 02        | NY | General Motors (Cent Foundry Div) | Massena             | F                         |                        |
| 302  | 04        | SC | SCRDI Dixiana                     | Cayce               | RFS                       | O                      |
| 303  | 07        | MO | Fulbright Landfill                | Springfield         | D                         |                        |
| 304  | 03        | PA | Presque Isle                      | Erie                | D                         |                        |
| 305  | 02        | NJ | Williams Property                 | Swanton             | R                         |                        |
| 306  | 02        | NJ | Renora, Inc.                      | Edison Township     | D                         |                        |
| 307  | 02        | NJ | Denzer & Schafer X-Ray Co.        | Bayville            | D                         |                        |
| 308  | 02        | NJ | Hercules, Inc. (Gibbstown Plant)  | Gibbstown           | D                         |                        |
| 309  | 05        | IN | Ninth Avenue Dump                 | Gary                | V                         |                        |
| 310  | 06        | AR | Gurley Pit                        | Edmondson           | VRF                       | O                      |
| 311  | 01        | RI | Peterson/Puritan, Inc.            | Lincoln/Cumberland  | D                         |                        |
| 312  | 07        | MO | Times Beach Site                  | Times Beach         | R                         | O                      |
| 313  | 05        | MI | Wash King Laundry                 | Pleasant Plains Twp | S                         |                        |
| 314  | 05        | MN | Whittaker Corp.                   | Minneapolis         | S                         |                        |
| 315  | 05        | MN | NL Industries/Taracorp/Golden     | St. Louis Park      | D                         |                        |
| 316  | 01        | CT | Kellogg-Deering Well Field        | Norwalk             | R                         |                        |
| 317  | 01        | MA | Cannon Engineering Corp. (CEC)    | Bridgewater         | RS                        |                        |
| 318  | 02        | NY | Niagara County Refuse             | Wheatfield          | D                         |                        |
| 319  | 04        | FL | Sherwood Medical Industries       | Deland              | D                         |                        |
| 320  | 04        | AL | Olin Corp. (McIntosh Plant)       | McIntosh            | D                         |                        |
| 321  | 05        | MI | Southwest Ottawa County Landfill  | Park Township       | S                         |                        |
| 322  | 02        | NY | Kentucky Avenue Well Field        | Horseheads          | R                         |                        |



|     |    |    |                                   |                     |    |   |
|-----|----|----|-----------------------------------|---------------------|----|---|
| 323 | 02 | NJ | Asbestos Dump                     | Millington          | F  |   |
| 324 | 04 | KY | Lee's Lane Landfill               | Louisville          | F  |   |
| 325 | 06 | AR | Frit Industries                   | Walnut Ridge        | VF | I |
| 326 | 05 | OH | Fultz Landfill                    | Jackson Township    | R  |   |
| 327 | 04 | FL | Tri-City Oil Conservationist, Inc | Tampa               | RF | O |
| 328 | 05 | OH | Coshocton Landfill                | Franklin Township   | F  |   |
| 329 | 03 | PA | Lord-Shope Landfill               | Girard Township     | VS | I |
| 330 | 10 | WA | IMC Corp. (Yakima Pit)            | Yakima              | D  |   |
| 331 | 05 | WI | Northern Engraving Co.            | Sparta              | D  |   |
| 332 | 01 | MA | PSC Resources                     | Palmer              | S  | I |
| 333 | 05 | MI | Forest Waste Products             | Otisville           | RF | I |
| 334 | 03 | PA | Drake Chemical                    | Lock Haven          | RF | O |
| 335 | 01 | NH | Kearsarge Metallurgical Corp.     | Conway              | S  |   |
| 336 | 04 | SC | Palmetto Wood Preserving          | Dixianna            | D  |   |
| 337 | 05 | MI | Clare Water Supply                | Clare               | D  |   |
| 338 | 03 | PA | Havertown PCP                     | Haverford           | R  |   |
| 339 | 03 | DE | New Castle Spill                  | New Castle County   | D  |   |
| 340 | 05 | MN | Morris Arsenic Dump               | Morris              | R  |   |
| 341 | 05 | IN | Lake Sandy Jo (M&M Landfill)      | Gary                | R  |   |
| 342 | 05 | IL | Johns-Manville Corp.              | Waukegan            | VF |   |
| 343 | 05 | MI | Chem Central                      | Wyoming Township    | S  |   |
| 344 | 05 | MI | Novaco Industries                 | Temperance          | F  |   |
| 345 | 02 | NJ | Jackson Township Landfill         | Jackson Township    | D  |   |
| 346 | 05 | MI | K&L Avenue Landfill               | Oshtemo Township    | D  |   |
| 347 | 10 | WA | Kaiser Aluminum Mead Works        | Mead                | V  | O |
| 348 | 05 | MN | Perham Arsenic Site               | Perham              | R  |   |
| 349 | 05 | MI | Charlevoix Municipal Well         | Charlevoix          | R  | I |
| 350 | 02 | NJ | Montgomery Township Housing Dev   | Montgomery Township | R  |   |

## National Priorities List - Final Sites - Group 8

| RANK | EPA | ST | Site name * | City/county | Response | Cleanup |
|------|-----|----|-------------|-------------|----------|---------|
|------|-----|----|-------------|-------------|----------|---------|

|     | RG |    |                                   |                    | category # | status @ |
|-----|----|----|-----------------------------------|--------------------|------------|----------|
| 351 | 02 | NJ | Rocky Hill Municipal Well         | Rocky Hill Borough | R          |          |
| 352 | 02 | NY | Brewster Well Field               | Putnam County      | R          |          |
| 353 | 02 | NY | Vestal Water Supply Well 1-1      | Vestal             | R          |          |
| 354 | 05 | MN | Nutting Truck & Caster Co.        | Faribault          | S          |          |
| 355 | 02 | NJ | U.S. Radium Corp.                 | Orange             | R          |          |
| 356 | 06 | TX | Highlands Acid Pit                | Highlands          | R          |          |
| 357 | 03 | PA | Resin Disposal                    | Jefferson Borough  | D          |          |
| 358 | 08 | MT | Libby Ground Water Contamination  | Libby              | D          |          |
| 359 | 04 | KY | Newport Dump                      | Newport            | D          |          |
| 360 | 03 | PA | Moyers Landfill                   | Eagleville         | RF         |          |
| 361 | 04 |    | Parramore Surplus                 | Mount Pleasant     | D          |          |
| 362 | 01 | NH | Savage Municipal Water Supply     | Milford            | RS         | O        |
| 363 | 05 | IN | Poer Farm                         | Hancock County     | R          | O        |
| 364 | 05 | MI | Medblum Industries                | Oscoda             | F          |          |
| 365 | 06 | TX | United Creosoting Co.             | Conroe             | VR         | C        |
| 366 | 08 | WY | Baxter/Union Pacific Tie Treating | Laramie            | D          |          |
| 367 | 02 | NJ | Sayreville Landfill               | Sayreville         | D          |          |
| 368 | 01 | NH | Dover Municipal Landfill          | Dover              | R          |          |
| 369 | 02 | NY | Ludlow Sand & Gravel              | Clayville          | D          |          |
| 370 | 05 | WI | City Disposal Corp. Landfill      | Dunn               | D          |          |
| 371 | 02 | NJ | Tabernacle Drum Dump              | Tabernacle Twp     | VF         |          |
| 372 | 02 | NJ | Cooper Road                       | Voorhees Township  | D          |          |
| 373 | 07 | MO | Minker/Stout/Romaine Creek        | Imperial           | R          | O        |
| 374 | 01 | CT | Yaworski Waste Lagoon             | Canterbury         | RS         |          |

|     |    |    |                                   |                     |     |   |
|-----|----|----|-----------------------------------|---------------------|-----|---|
| 375 | 03 | WV | Leetown Pesticide                 | Leetown             | R   | O |
| 376 | 04 | FL | Cabot/Koppers                     | Gainesville         | RS  |   |
| 377 | 02 | NJ | Evor Phillips Leasing             | Old Bridge Township | D   |   |
| 378 | 03 | PA | Wade (ABM)                        | Chester             | RFS | O |
| 379 | 03 | PA | Lackawanna Refuse                 | Old Forge Borough   | RF  | O |
| 380 | 06 | OK | Compass Industries (Avery Drive)  | Tulsa               | R   |   |
| 381 | 02 | NJ | Mannheim Avenue Dump              | Galloway Township   | D   |   |
| 382 | 02 | NY | Fulton Terminals                  | Fulton              | D   | O |
| 383 | 01 | NH | Auburn Road Landfill              | Londonderry         | RS  |   |
| 384 | 03 | WV | Pike Chemical, Inc.               | Nitro               | VF  | I |
| 385 | 05 | MN | Coheral Mills/Henkel Corp.        | Minneapolis         | S   |   |
| 386 | 05 | OH | Laskin/Poplar Oil Co.             | Jefferson Township  | RF  | O |
| 387 | 05 | OH | Old Mill                          | Rock Creek          | RF  | O |
| 388 | 07 | KS | Johns' Sludge Pond                | Wichita             | VF  | I |
| 389 | 09 | CA | Del Norte Pesticide Storage       | Crescent City       | R   |   |
| 390 | 02 | NJ | De Rewal Chemical Co.             | Kingwood Township   | D   |   |
| 391 | 02 | NJ | Swope Oil & Chemical Co.          | Pennsauken          | VR  | I |
| 392 | 04 | GA | Monsanto Corp. (Augusta Plant)    | Augusta             | V   |   |
| 393 | 01 | NH | South Municipal Water Supply Well | Peterborough        | S   |   |
| 394 | 01 | ME | Winthrop Landfill                 | Winthrop            | VF  | I |
| 395 | 06 | AR | Cecil Lindsey                     | Newport             | R   |   |
| 396 | 05 | OH | Zanesville Well Field             | Zanesville          | V   |   |
| 397 | 05 | WI | Eau Claire Municipal Well Field   | Eau Claire          | D   |   |
| 398 | 04 | CA | Powersville Site                  | Peach County        | D   |   |
| 399 | 05 | MI | Grand Traverse Overall Supply Co. | Creilickville       | D   |   |
| 400 | 05 | MI | Metamora Landfill                 | Metamora            | D   |   |

## National Priorities List - Final Sites - Group 9

| RANK | EPA<br>RG | ST | Site name *                       | City/county        | Response<br>category # | Cleanup<br>status @ |
|------|-----------|----|-----------------------------------|--------------------|------------------------|---------------------|
| 401  | 05        | MI | Whitehall Municipal Wells         | Whitehall          | R                      |                     |
| 402  | 05        | MN | South Andover Site                | Andover            | D                      |                     |
| 403  | 02        | NJ | Diamond Alkali Co.                | Newark             | V                      | I                   |
| 404  | 05        | MI | Kentwood Landfill                 | Kentwood           | D                      |                     |
| 405  | 05        | MI | Electrovoice                      | Buchanan           | D                      |                     |
| 406  | 02        | PR | Fibers Public Supply Wells        | Jobos              | D                      |                     |
| 407  | 05        | IN | Marion (Bragg) Dump               | Marion             | D                      |                     |
| 408  | 05        | OH | Pristine, Inc.                    | Reading            | F                      | I                   |
| 409  | 05        | WI | Mid-State Disposal, Inc. Landfill | Cleveland Township | R                      |                     |
| 410  | 08        | CO | Broderick Wood Products           | Denver             | R                      |                     |
| 411  | 05        | OH | Buckeye Reclamation               | St. Clairsville    | D                      |                     |
| 412  | 06        | TX | Bio-Ecology Systems, Inc.         | Grand Prairie      | R                      | O                   |
| 413  | 02        | NJ | Woodland Route 532 Dump           | Woodland Township  | D                      |                     |
| 414  | 05        | IN | American Chemical Service, Inc.   | Griffith           | D                      |                     |
| 415  | 01        | VT | Old Springfield Landfill          | Springfield        | VRF                    | O                   |
| 416  | 02        | NY | Solvent Savers                    | Lincklaen          | D                      |                     |
| 417  | 03        | VA | U.S. Titanium                     | Piney River        | FS                     |                     |
| 418  | 05        | IL | Galesburg/Koppers Co.             | Galesburg          | D                      |                     |
| 419  | 02        | NY | Hooker (Hyde Park)                | Niagara Falls      | VFS                    | O                   |
| 420  | 05        | MI | SCA Independent Landfill          | Muskegon Heights   | D                      |                     |
| 421  | 09        | CA | MGM Brakes                        | Cloverdale         | S                      |                     |
| 422  | 06        | LA | Bayou Sorrell                     | Bayou Sorrell      | F                      |                     |
| 423  | 05        | MI | Duell & Gardner Landfill          | Dalton Township    | D                      |                     |
| 424  | 02        | NJ | Ellis Property                    | Evesham Township   | R                      | O                   |

|     |    |    |                                 |                    |    |   |
|-----|----|----|---------------------------------|--------------------|----|---|
| 425 | 04 | KY | Distler Farm                    | Jefferson County   | RF | O |
| 426 | 10 | WA | Harbor Island (Lead)            | Seattle            | D  |   |
| 427 | 05 | WI | Lemberger Transport & Recycling | Franklin Township  | D  |   |
| 428 | 05 | OH | E.H. Schilling Landfill         | Hamilton Township  | D  |   |
| 429 | 05 | MI | Cliff/Dow Dump                  | Marquette          | F  |   |
| 430 | 10 | WA | Queen City Farms                | Maple Valley       | F  |   |
| 431 | 05 | WI | Scrap Processing Co., Inc.      | Medford            | S  |   |
| 432 | 06 | NM | Homestake Mining Co.            | Milan              | VF | I |
| 433 | 05 | MI | Mason County Landfill           | Pore Marquette Twp | D  |   |
| 434 | 05 | MI | Cemetery Dump                   | Rose Center        | R  |   |
| 435 | 02 | NJ | Hopkins Farm                    | Plumstead Township | D  |   |
| 436 | 01 | RI | Stamina Mills, Inc.             | North Smithfield   | R  |   |
| 437 | 05 | IN | Reilly lar (Indianapolis Plant) | Indianapolis       | F  |   |
| 438 | 01 | ME | Pinette's Salvage Yard          | Washburn           | R  | O |
| 439 | 06 | TX | Harris (Barley Street)          | Houston            | V  |   |
| 440 | 02 | NJ | Wilson Farm                     | Plumstead Township | D  |   |
| 441 | 03 | PA | Old City of York Landfill       | Seven Valleys      | D  |   |
| 442 | 05 | IL | Byron Salvage Yard              | Byron              | R  | I |
| 443 | 03 | PA | Stanley Kessler                 | King of Prussia    | F  |   |
| 444 | 02 | NJ | Friedman Property               | Upper Freehold Twp | R  |   |
| 445 | 02 | NJ | Imperial Oil/Champion Chemicals | Morganville        | D  |   |
| 446 | 02 | NJ | Myers Property                  | Franklin Township  | R  | I |
| 447 | 02 | NJ | Pepe Field                      | Boonton            | R  |   |
| 448 | 05 | MI | Ossineke Ground Water Contam    | Ossineke           | D  |   |

|     |    |    |                                       |            |   |  |
|-----|----|----|---------------------------------------|------------|---|--|
| 449 | 03 | WV | Follansbee Site                       | Follansbee | F |  |
| 450 | 09 | CA | Koppers Co., Inc.<br>(Oroville Plant) | Oroville   | S |  |

## National Priorities List - Final Sites - Group 10

| RANK | EPA<br>RG | ST | Site name *                              | City/county            | Response<br>category # | Cleanup<br>status @ |
|------|-----------|----|--|------------------------|------------------------|---------------------|
| 451  | 05        | MI | U. S. Aviex                              | Howard<br>Township     | S                      |                     |
| 452  | 03        | PA | Walsh Landfill                           | Honeybrook<br>Township | R                      |                     |
| 453  | 02        | NJ | Landfill &<br>Development Co.            | Mount Holly            | S                      | I                   |
| 454  | 02        | NJ | Upper Deerfield<br>Township Slf          | Upper<br>Deerfield Twp | D                      |                     |
| 455  | 06        | NM | AT & SF (Clovis)                         | Clovis                 | VF                     |                     |
| 456  | 02        | NY | American<br>Thermostat Co.               | South Cairo            | V                      |                     |
| 457  | 04        | TN | Lewisburg Dump                           | Lewisburg              | D                      |                     |
| 458  | 05        | MI | McGraw Edison<br>Corp.                   | Albion                 | V                      |                     |
| 459  | 04        | KY | Airco                                    | Calvert City           | D                      |                     |
| 460  | 03        | PA | Metal Banks                              | Philadelphia           | VF                     |                     |
| 461  | 04        | KY | B. F. Goodrich                           | Calvert City           | D                      |                     |
| 462  | 05        | MI | Organic Chemicals,<br>Inc.               | Grandville             | D                      |                     |
| 463  | 01        | MA | Sullivan's Ledge                         | New Bedford            | R                      |                     |
| 464  | 02        | PR | Juncos Landfill                          | Juncos                 | VF                     | O                   |
| 465  | 05        | IN | Bennett Stone<br>Quarry                  | Bloomington            | S                      | O                   |
| 466  | 04        | FL | Munisport Landfill                       | North Miami            | D                      |                     |
| 467  | 04        | AL | Stauffer Chem (Le<br>Moyne Plant)        | Axis                   | D                      |                     |
| 468  | 02        | NJ | M&T Delisa Landfill                      | Asbury Park            | VR                     |                     |
| 469  | 04        | SC | Geiger (C & M Oil)                       | Rantowles              | D                      |                     |
| 470  | 05        | WI | Moss-American<br>(Kerr-McGee Oil<br>Co.) | Milwaukee              | D                      |                     |

|     |    |    |                                    |                    |    |   |
|-----|----|----|------------------------------------|--------------------|----|---|
| 471 | 05 | WI | Waste Research & Reclamation Co.   | Eau Claire         | D  |   |
| 472 | 10 | OR | Gould, Inc.                        | Portland           | V  | I |
| 473 | 05 | MN | St. Louis River Site               | St. Louis County   | D  |   |
| 474 | 05 | MI | Auto Ion Chemicals, Inc.           | Kalamazoo          | V  |   |
| 475 | 04 | SC | Carolawn, Inc.                     | Fort Lawn          | RF | O |
| 476 | 03 | PA | Berks Sand Pit                     | Longswamp Township | R  | O |
| 477 | 05 | MI | Sparta Landfill                    | Sparta Township    | S  |   |
| 478 | 05 | IL | ACME Solvent (Morristown Plant)    | Morristown         | R  |   |
| 479 | 04 | FL | Hipps Road Landfill                | Duval County       | D  |   |
| 480 | 04 | FL | Pepper Steel & Alloys, Inc.        | Medley             | RF | O |
| 481 | 01 | ME | O'Connor Co.                       | Augusta            | D  |   |
| 482 | 05 | WI | Oconomowoc Electroplating Co. Inc. | Ashippin           | D  |   |
| 483 | 05 | MI | Rasmussen's Dump                   | Green Oak Township | R  |   |
| 484 | 03 | PA | Westline Site                      | Westline           | R  | O |
| 485 | 05 | OH | Powell Road Landfill               | Dayton             | D  |   |
| 486 | 05 | MI | Ionia City Landfill                | Ionia              | F  | I |
| 487 | 08 | CO | Lincoln Park                       | Canon City         | D  |   |
| 488 | 05 | IN | Wedzeb Enterprises, Inc.           | Lebanon            |    | I |
| 489 | 02 | PR | GE Wiring Devices                  | Juana Diaz         | VF |   |
| 490 | 05 | OH | New Lyme Landfill                  | New Lyme           | V  |   |
| 491 | 02 | NJ | Woodland Route 72 Dump             | Woodland Township  | D  |   |
| 492 | 02 | PR | RCA Del Caribe                     | Barceloneta        | D  | C |
| 493 | 03 | PA | Brodhead Creek                     | Stroudsburg        | RF | O |
| 494 | 10 | OR | United Chrome Products, Inc.       | Corvallis          | R  |   |
| 495 | 05 | MI | Anderson Development Co.           | Adrian             | D  |   |
| 496 | 05 | MI | Shiawassee River                   | Howell             | D  |   |

|     |    |    |                           |                |    |   |
|-----|----|----|---------------------------|----------------|----|---|
| 497 | 03 | PA | Taylor Borough Dump       | Taylor Borough | R  | O |
| 498 | 03 | DE | Harvey & Knott Drum, Inc. | Kirkwood       | RF | O |
| 499 | 04 | TN | Gallaway Pits             | Gallaway       | RF | O |
| 500 | 05 | OH | Big D Campground          | Kingsville     | D  |   |

## National Priorities List - Final Sites - Group 11

| RANK | EPA RG | ST | Site name *                       | City/county        | Response category # | Cleanup status @ |
|------|--------|----|-----------------------------------|--------------------|---------------------|------------------|
| 501  | 03     | DE | Wildcat Landfill                  | Dover              | D                   |                  |
| 502  | 05     | MI | Burrows Sanitation                | Hartford           | D                   |                  |
| 503  | 03     | PA | Blosenski Landfill                | West Cain Township | F                   |                  |
| 504  | 03     | DE | Delaware City PVC Plant           | Delaware City      | VF                  |                  |
| 505  | 03     | MD | Limestone Road                    | Cumberland         | R                   |                  |
| 506  | 02     | NY | Hooker (102nd Street)             | Niagara Falls      | VFS                 |                  |
| 507  | 03     | DE | New Castle Steel                  | New Castle County  | D                   |                  |
| 508  | 06     | NM | United Nuclear Corp.              | Church Rock        | F                   |                  |
| 509  | 06     | AR | Industrial Waste Control          | Fort Smith         | F                   |                  |
| 510  | 09     | CA | Celtor Chemical Works             | Hoopa              | R                   | O                |
| 511  | 04     | AL | Perdido Ground Water Contam       | Perdido            | D                   | O                |
| 512  | 02     | NY | Marathon Battery Corp.            | Cold Springs       | R                   |                  |
| 513  | 03     | PA | Lehigh Electric & Engineering Co. | Old Forge Borough  | RF                  | O                |
| 514  | 05     | OH | Skinner Landfill                  | West Chester       | D                   |                  |
| 515  | 04     | NC | Chemtronics, Inc.                 | Swannanoa          | D                   |                  |
| 516  | 07     | MO | Shenandoah Stables                | Moscow Mills       | VF                  | O                |
| 517  | 06     | IA | Bayou Bonfouca                    | Slidell            | R                   |                  |
| 518  | 03     | VA | Saltville Waste Disposal Ponds    | Saltville          | R                   |                  |



|     |    |    |                              |                   |    |   |
|-----|----|----|------------------------------|-------------------|----|---|
| 519 | 03 | PA | Kimberton Site               | Kimberton Borough | D  |   |
| 520 | 03 | MD | Middletown Road Dump         | Annapolis         | R  | I |
| 521 | 10 | WA | Pesticide Lab (Yakima)       | Yakima            | D  |   |
| 522 | 05 | IN | Lemon Lane Landfill          | Bloomington       | RS | I |
| 523 | 10 | ID | Arrcom (Drexler Enterprises) | Rathdrum          | R  | O |
| 524 | 03 | PA | Fischer & Porter Co.         | Warminster        | VF |   |
| 525 | 09 | CA | Jibboom Junkyard             | Sacramento        | R  |   |
| 526 | 02 | NJ | A. O. Polymer                | Sparta Township   | D  | O |
| 527 | 02 | NJ | Dover Municipal Well 4       | Dover Township    | D  |   |
| 528 | 02 | NJ | Rockaway Township Wells      | Rockaway          | V  | I |
| 529 | 05 | WI | Delavan Municipal Well #4    | Delavan           | D  |   |
| 530 | 09 | CA | San Gabriel Valley (Area 3)  | Alhambra          | R  |   |
| 531 | 09 | CA | San Gabriel Valley (Area 4)  | La Puente         | R  |   |
| 532 | 10 | WA | American Lake Gardens        | Tacoma            | V  | O |
| 533 | 10 | WA | Greenacres Landfill          | Spokane County    | D  |   |
| 534 | 06 | TX | Triangle Chemical Co.        | Bridge City       | RF | O |
| 535 | 02 | NJ | PJP Landfill                 | Jersey City       | S  | I |
| 536 | 03 | PA | Craig Farm Drum              | Parker            | D  |   |
| 537 | 03 | PA | Voortman Farm                | Upper Saucon Twp  | R  |   |
| 538 | 05 | IL | Belvidere Municipal Landfill | Belvidere         | D  |   |

Total Sites Listed: 538.

\* = States' Designated Top Priority Sites.

#: V=Voluntary or negotiated response; R=Federal and State response; F=Federal

enforcement; S=State enforcement; D=Actions to be determined.

@: I=Implementation activity underway, one or more operable units; O=One or more operable units completed, others may be underway; C=Implementation activity completed for all operable units.

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